Testboy
GERMANY · EST. 1953

PRODUCT CATALOGUE

Electrical Testing and Measurment Instruments

Edition 2025 I 2026













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SINCE 1953

A success story



I am TestBOY Ludwig. I will accompany you through this catalogue. I hope to be able to provide assistance with some decisions. Now, lick your finger and browse through...



In the early days of the new West German Republic, an ingenious inventor had an idea which was to revolutionise measurement technology in the electrical branch. The electrician Ludwig Mers developed a continuity tester and called it Testboy. Little did he know that the name was to develop into a modern synonym for measurement technology. And the innovative device built the base of the success story of our family-led company which continues today.

With a solid pioneer spirit and a flair for knowing what the market needs in terms of measuring and testing instruments Testboy has advanced to its current status as an international market leader.

Faithful to our maxim „safety through the provision of quality“ our measuring and testing instruments convince in everyday use. We promise to continue this approach and will extend the service and delivery capacity to which you have become accustomed. Our highly-trained and motivated specialist personnel will do everything possible to keep up with and satisfy the ever-changing needs of trade, industry and research.

We should like to extend our thanks for the trust which you have invested in us over almost 70 years and the future.

Best wishes from Vechta

Your Testboy team

www.testboy.de

TESTBOY

History

1953 > Establishment of Ludwig Mers as an electrical installation company

1960 > Ludwig Mers GmbH & Co. KG Elektrotechnische Spezialfabrik

1993 > Takeover of Ludwig Mers GmbH & Co. KG by the current managing director Horst Reysen

1997 > Construction of the new company building

2000 > Expansion of the warehouse in Vechta

2005 > Change of the company name to Testboy GmbH

2005 > Construction of an office and warehouse building in Vechta

2008 > Expansion of the production facilities and warehouse in Vechta

2013 > Celebration of the 60th anniversary of the company; extension of the warehouse and offices

2018 > Celebration of 65th company anniversary

2020 > Expansion of the warehouse and offices

2023 > Celebration of 70th company anniversary

At Testboy quality and service have absolute priority!
The use of cutting-edge manufacturing technologies has enabled Testboy GmbH to develop into one of the leading manufacturers for robust and professional measuring and testing instruments. Our TÜV- / GS tested, user-friendly and long service life products are internationally known under the brand names "Testboy", "Testavit" and "Schuki". Seeking to keep our customers happy, we subject our product range to continual improvement, taking into account the applicable standards and laws. We place especial value on the clever combination of as many functions as possible in a single instrument.



TESTBOY

Continuity Testers

TESTBOY 20 PLUS

External Voltage Protected Continuity Tester



The Testboy2 was the best-selling continuity tester in Germany. The Testboy 20 Plus is the logical further development. Thanks to the contactless voltage sensor, it detects AC voltages through the insulation. Defective extension cables or multiple plugs are detected precisely and in a matter of seconds. The electronics also enable single-pole phase detection.

ADVANTAGES

> Reliable continuity tester
> Non-contact voltage sensor
> High-power LED torch

SPECIFICATIONS

	Testboy 20 Plus
Display	Optical and acoustic
Continuity test	Optical 0 – 20 Ω
	Acoustic 0 – 250 Ω
Test voltage	4.5 V
Test current	Optical~ 10 mA
	Acoustic~ 2 mA
Contactless voltage test	From 110 V AC
External voltage protection	Up to 300 V
Integrated torch	Yes
Overvoltage category	CAT II 300 V
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	120 x 60 x 30 mm
Weight	90 g
Power supply	3 x AA, 1.5 V, LR6
Scope of delivery	Test leads
Item number	**610040000**
EAN-code	**4028532200220**















TESTBOY

Voltage Testers



TESTBOY 10, 11, 111
Contactless Voltage Tester



The non-contact voltage testers Testboy 10, 11 and 111 detect live conductors on cable connections, cable drums and sockets, switches, junction boxes, etc. Thanks to a capacitive measuring method, they require no current flow and can indicate interruptions quickly and with centimetre precision.

ADVANTAGES

> Capacitive test method
> Warning tone (Testboy 11, 111)
> LED torch (Testboy 111)
> CAT III 1000 V / CAT IV 600 V

SPECIFICATIONS

	Testboy 10	Testboy 11	Testboy 111
Display	Optical	Optical and acoustic	Optical and acoustic
Test area	110 – 1000 V AC		
Test procedure	Capacitive		
Integrated torch	No	No	Yes
Overvoltage category	CAT III 1000 V/ CAT IV 600 V		
Standard	IEC/EN 61010-1 (DIN VDE 0411)		
Dimensions	145 x 25 x 20 mm	145 x 22 x 21 mm	149 x 22 x 25 mm
Weight	20 g	21 g	21 g
Power supply	2 x AAA, 1.5 V, LR03		
Item number	**61101000**	**61102000**	**61106000**
EAN-code	**4028532200107**	**4028532200664**	**4028532101114**



TESTBOY 110, 113, 114

Contactless Voltage Testers from 12 V AC



As a further development of the familiar voltage testers, the Testboy 110, 113 and 114 non-contact voltage testers detect live conductors from 12 V AC, including on low-voltage systems. Thanks to the capacitive measuring method, invisible cable breaks in extension cables or a defective lamp in a chain of lights are detected to the nearest millimetre within a few seconds.

ADVANTAGES

> Capacitive test method
> Measurements from 12 V
> LED torch
> Vibrating display (Testboy 114)

SPECIFICATIONS

	Testboy 110	Testboy 113	Testboy 114
Display	Optical	Optical and acoustic	Optical and acoustic
Test area	12 – 1000 V AC		
Test procedure	Capacitive		
Integrated torch	Ja		
Overvoltage category	CAT III 1000 V / CAT IV 600 V		
Standard	IEC/EN 61010-1 (DIN VDE 0411)		
Dimensions	145 x 25 x 20 mm	145 x 25 x 20 mm	145 x 25 x 20 mm
Weight	20 g	20 g	21 g
Power supply	2 x AAA, 1.5 V, LR03		
Item number	**61105000**	**61107000**	**61108000**
EAN-code	**4028532101107**	**4028532101138**	**4028532101145**



Product film under
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TESTBOY 115 BIT

Contactless Voltage Tester from 12 V AC with integrated Bit Holder



The innovative non-contact voltage tester Testboy 115 Bit detects live conductors from 12 V AC to 1000 V AC. This makes it suitable for low-voltage systems and cable breaks in extension cables as well as for defective lamps, fairy lights and fuses. Defects are detected to the nearest centimetre within a few seconds using the capacitive test method and do not require a current flow. A visual display indicates the voltage range: red LED for a voltage of 110 V to 1000 V AC; blue LED when 12 V mode is activated; violet LED for a voltage of 12 V to 1000 V AC. The Testboy 115 Bit recognises phase conductors in single-phase and three-phase networks. Thanks to the clever bit holder, it can also used as a screwdriver.

ADVANTAGES

> Practical bit holder
> Tests from 12 V AC
> Capacitive measuring method

SPECIFICATIONS

	Testboy 115 Bit
Display	Optical
Test area	12 – 1000 V AC
Test procedure	Capacitive
Overvoltage category	CAT III 1000 V / CAT IV 600 V
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	150 x 25 x 23 mm
Weight	62 g
Power supply	2 x AAA, 1.5 V, LR03
Scope of delivery	Carrying bag and 2 insulated bits (cross and slotted)
Item number	**61109000**
EAN-code	**4028532101152**







12-
1000 V
AC

4 mm

TESTBOY 105

Non-Contact Voltage Tester with safety Level CAT IV 1000 V



Another non-contact voltage tester is the Testboy 105, which detects live conductors from 12 V AC and up to 1000 V in CAT IV. The visual, acoustic and vibrating display makes it particularly safe and convenient to use. Invisible breaks in cables can be identified in seconds with a tolerance of just a few millimetres thanks to the capacitive test method.

ADVANTAGES

> Capacitive measuring method
> Visual, acoustic and vibrating display
> Tests from 12 V AC
> LED torch
> CAT IV 1000 V

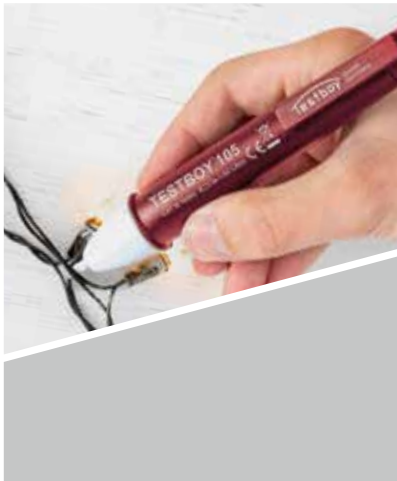
SPECIFICATIONS

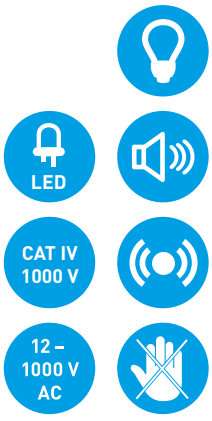
	Testboy 105
Display	Visual, acoustic and vibrating
Test area	12 – 1000 V AC
Test procedure	Capacitive
Integrated torch	Yes
Overvoltage category	CAT IV 1000 V
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	160 x 21 x 20 mm
Weight	20 g
Power supply	2 x AAA, 1.5 V, LR03
Item number	**61104000**
EAN-code	**4028532101053**



It can do everything. A small device with security level CAT IV 1000 V! I can practically feel the voltage through the vibration.







TESTBOY 40 PLUS
Voltage Tester



Robust and user-friendly: that's the Testboy 40 Plus. Thanks to its non-slip design, it sits comfortably in the hand and is classically easy to operate. The virtually indestructible design guarantees the user a long service life. The voltage tester reliably indicates direct and alternating voltages in the range from 6 to 400 V. The electronics also phase detection against the protective conductor.

ADVANTAGES

> Voltage range up to 400 V AC/DC
> Phase search against the protective conductor
> Power is supplied via the test object
> Easy handling

SPECIFICATIONS

	Testboy 40 plus
Display	Optical, 8 LEDs
Voltage range	6 – 400 V AC/DC
Polarity indicator	Yes (+ /- via LED)
Phase search against protective conductor	Yes
Overvoltage category	CAT III 400 V
Protection class	IP 65
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	275 x 60 x 40 mm
Weight	104 g
Power supply	About the test object
Power supply	**61103000**
EAN-code	**4028532200428**



6-400 V AC/DC



TESTBOY

Magnetic Field Testers

TESTBOY 15, 130
Contactless Magnetic Field Tester



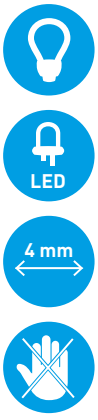
The Testboy 15 and 130 magnetic field testers are suitable for quick and precise testing of electromagnetic switches and valves. Their illuminated tip indicates all permanent, DC and and alternating current magnetic fields. Due to the high sensitivity, it is often not even necessary to remove covers or panelling. required on machines. The function test can be carried out without any set-up time or a machine stop.

ADVANTAGES

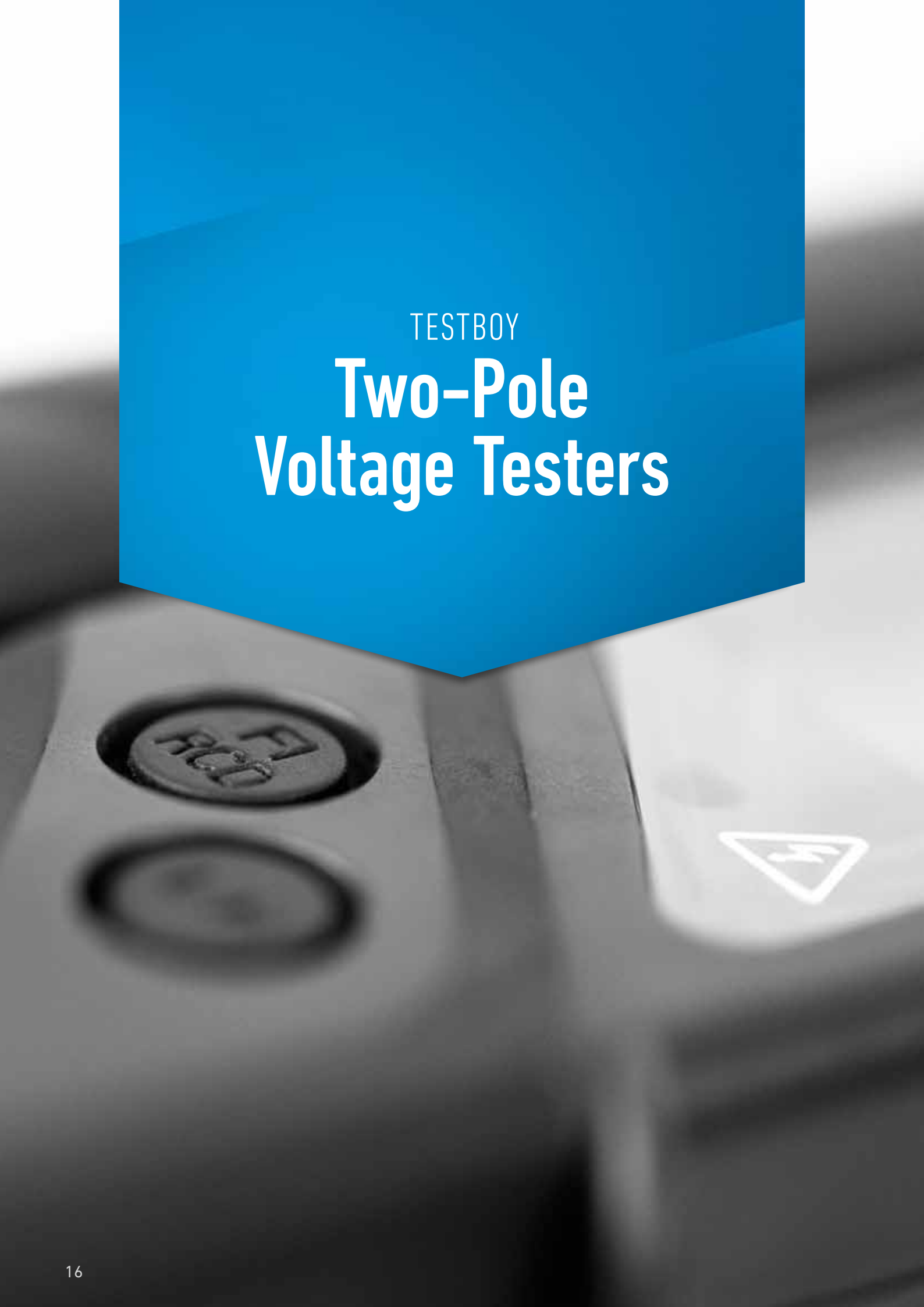
> Contactless checking of all magnetic fields
> High-power LED torch (Testboy 130)

SPECIFICATIONS

	Testboy 15	**Testboy 130**
Display	Optical	Optical
Application	Recognising the magnetic field	
Integrated torch	No	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)	
Dimensions	143 x 26 x 23 mm	143 x 25 x 20 mm
Weight	21 g	19 g
Power supply	2 x AAA, 1.5 V, LR03	
Item number	**61201000**	**61202000**
EAN-code	**4028532200152**	**4028532201302**







TESTBOY

Two-Pole Voltage Testers

TESTBOY 40 SIMPLE
Two-Pole Voltage Tester



Why make it complicated when you can make it simple? The Testboy 40 Simple is robust and user-friendly. Thanks to its practical, robust design, it not only fits perfectly in the hand, it also guarantees the user a long service life. The Testboy 40 Simple displays direct and alternating voltages in the range from 12 to 690 V reliably. It also enables a continuity test and single-pole phase search.

ADVANTAGES

> Optical display with 10 LEDs
> 12 – 690 V AC/DC
> Phase search against the protective conductor
> Continuity test up to 500 kΩ
> Easy handling
> CAT IV 300 V/ CAT III 600 V

SPECIFICATIONS

	Testboy 40 simple
Display	Optical, 10 LEDs
Voltage range	12 – 690 V AC/DC
Polarity indicator	Yes (+ / - via LED)
Continuity test	Ja, acoustic up to 500 kΩ
Single-pole phase search	Yes
Overvoltage category	CAT IV 300 V / CAT III 600 V
Protection class	IP 54
Standard	EN 61243-3
Dimensions	208 x 40 x 13 mm
Weight	145 g
Power supply	2 x AAA, 1.5 V, LR03
	Voltage test even without batteries
Scope of delivery	Test tip set
Item number	**61301000**
EAN-code	**4028532204006**





CAT III 600 V

CAT IV 300 V

TESTBOY PROFI III LED

Two-Pole Voltage Tester Safety Standard CAT IV and LED Display



The Testboy Profi III LED is the logical evolution of our recognised Testboy Profi LED Plus. It impresses with its user-friendliness, stable, safe design and fulfils all the requirements that an expert places on modern voltage testers. Thanks to the highest safety level CAT IV 1000 V – almost unique among voltage testers – it ensures maximum safety and is also suitable for testing hybrid and electric vehicles as well as photovoltaic systems. Voltage testing is possible up to 1400 V DC. The display is visual, audible and vibrates.

ADVANTAGES

> Highest safety level CAT IV 1000 V
> Practical one-handed operation
> Tests without finger contact

SPECIFICATIONS

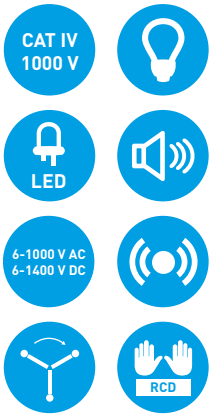
	Testboy Profi III LED
Display	Optical, 14 LEDs
Voltage range	6 – 1000 V AC / 6 – 1400 V DC
Test area selection	Automatic
Polarity indicator	Yes (+ / - via LED)
Continuity test	0 – 200 kΩ optical and acoustic
Phase display	> 100 V AC
Single-pole phase search	Yes
Two-pole rotating field test	Yes, at > 200 V AC
FI/RCD test	30 mA at 230 V AC via 2 buttons
PELV display	Optical and vibrating
4 mm test probe adapter	Unscrewable
Test centre lighting	Yes
Auto-Power-Off	Yes
Overvoltage category	CAT IV 1000 V
Protection class	IP 65
Standard	EN 61243-3:2014
Dimensions	300 x 75 x 20 mm
Weight	270 g
Power supply	2 x AAA, Li-Fe FR03, 1.5 V Indication of dangerous contact voltage even without batteries
Scope of delivery	Test tip set
Item number	**61302000**
EAN-code	**4028532200282**



The professional voltage testers are an indispensable life insurance policy for the user.







TESTBOY PROFI III LCD

Two-Pole Voltage Tester Safety Standard CAT IV and LCD Display



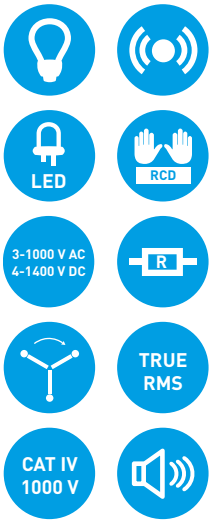
The Testboy Profi III LCD is the top model in our proven Profi series. In addition to its practical one-handed operation, it impresses above all with its broad performance spectrum. It enables testing without finger contact and is also suitable for use on hybrid and electric vehicles as well as photovoltaic systems thanks to the highest safety level CAT IV 1000 V, which is almost unique for voltage testers. Voltage testing is even up to 1400 V DC. This top-of-the-range device is also characterised by its insensitivity and safe shadowing. Voltage is detected both optically and by vibration. No other standard two-pole voltage tester on the market has as many functions!

ADVANTAGES

> Highest safety level CAT IV 1000 V
> Voltage display up to 1000 V AC and 1400 V DC
> Frequency display up to 500 Hz
> Large, illuminated LCD
> Resistance test 10 – 199.9 kΩ
> T-RMS test method for non sinusoidal voltage, e.g. in industry

SPECIFICATIONS

	Testboy Profi III LCD
Display	LCD with backlight
Voltage range	3 – 1000 V AC (T-RMS/RMS) / 4 – 1400 V DC
Test area selection	Automatic
Polarity indicator	Yes, in the LCD
Continuity test	0 – 10 kΩ visual and audible
Resistance test	10 – 199.9 kΩ
Frequency display	0 – 500 Hz
Phase display	> 100 V AC
Single-pole phase search	Yes
Two-pole rotating field test	Yes, at > 200 V AC
FI/RCD test	30 mA at 230 V AC via 2 buttons
PELV display	Optical and vibrating
4 mm test probe adapter	Unscrewable
Test centre lighting	Yes
Data-Hold	Yes, for voltage and resistance
Auto-Power-Off	Yes
Overvoltage category	CAT IV 1000 V
Protection class	IP 65
Standard	EN 61243-3:2014
Dimensions	300 x 75 x 20 mm
Weight	270 g
Power supply	2 x AAA, Li-Fe FR03, 1.5 V Indication of dangerous contact voltage even without batteries
Scope of delivery	Test tip set
Item number	**61303000**
EAN-code	**4028532200299**







TESTBOY PROFI III DUO

Two-Pole Voltage Tester Safety Standard CAT IV and Mix Display



The Testboy Profi III DUO impresses with its versatile performance spectrum and practical one-handed operation. In addition to the 13x LED display the device has an easy-to-read and illuminated LC Display. Voltage detection is both visual and audible. A single-pole phase search, Two-pole rotating field test, continuity test and automatic test range selection are further sophisticated functions of this impressive device. Voltage testing up to 1500 V DC is also possible. The highest possible safety level CAT IV 1000 V rounds off the richness of this top product.

ADVANTAGES

> Two-pole rotating field test
> Alternating voltage 6 to 1000 V
> DC voltage 6 to 1500 V
> Illuminated LC display
> Measuring point lighting
> One-hand operation for Schuko sockets
> Unscrewable thick test probes for sockets
> Display of voltage possible without battery
> Automatic test calculation
> Single-pole phase search
> Testing without finger con
> Continuity test
> Data-Hold

SPECIFICATIONS

	Testboy Profi III DUO
Display	13 LEDs for voltage (12, 24, 50, 120, 230, 400, 690 and 1000 V) Polarity, continuity and phase/rotating field, ElV
Nominal voltage range	6 – 1000 V AC / 6 – 1500 V DC
Rotary field display	Yes
Indication	0.85 Un
Frequency range	40 to 400 Hz
Duty cycle	30s on / 240s off
Nominal current In	< 3.5 mA
Phase test Pole	> 100 V AC
Continuity test	0 to 500 kΩ
Operating temperature	-5 to +40 °C, at >85%
Protection class	IP 64
Overvoltage category	CAT IV 1000 V
Dimensions	240 x 55 x 25 mm
Scope of delivery	Screw-on test probes
Item number	**61309000**
EAN-code	**4028532200329**







TESTBOY TV 230

Two-Pole Voltage Tester with Clamp Meter Function



If you are looking for a versatile voltage tester, look no further than the Testboy TV 230. The TV 230 voltage tester with clamp function impresses with its wide range of functions. In addition to the easy-to-read LC display with backlighting, the TV 230 has an open clamp head with an LED voltage indicator and rotating field direction indicator. This all-rounder also features a continuity test with alarm tone, resistance measurement and a Data-Hold function. A vibration warns the user of life-threatening voltage. LED measuring point illumination and detachable measuring leads round off this universal device. Voltage measurement up to 1500 V DC is also highly interesting for photovoltaic system manufacturers. The TV 230 is completed by a contactless voltage testing option and TRMS measurement method up to 1000 V AC. The Testboy TV 230 digital current and voltage tester is a multi-talented device.

ADVANTAGES

> Wide range of functions
> Easy-to-read LC display
> LED measuring point lighting
> T-RMS measuring method for non-sinusoidal voltages

SPECIFICATIONS

	Testboy TV 230
Display	LCD with backlight / LED display
Voltage measurement	1 – 1000 V AC (TRMS) 1 – 1500 V DC
Current measurement	0.1 – 200 A AC/DC
Frequency measurement	Yes (0 – 800 Hz)
Resistance measurement	0 – 100 kΩ
Continuity test	Yes
Diode test	Yes
Single-pole phase test	Yes (>90 V)
Rotary field test	Yes (>100 V)
Contactless voltage test (NCV)	Yes
Vibration motor	Yes
Auto-Power-Off	Yes (after approx. 30 seconds)
LED torch	Yes
Opening of the power fork	14 mm
Data-Hold	Yes
Overvoltage category	CAT IV 600 V / CAT III 1000 V
Standard	IEC 61243-3:2014, IEC 61010-1:2010
Dimensions	200 x 63 x 38 mm
Power supply	2 x AAA, 1.5 V, LR03
Scope of delivery	Unscrewable test probes, batteries and Carrying bag
Item number	**61311000**
EAN-code	**4028532202309**





TESTBOY

Multimeters



TESTBOY PEN 1000
Pen Multimeter



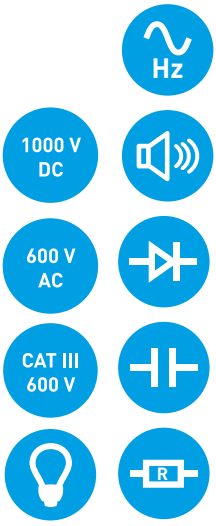
The Testboy Pen 1000, the multimeter of the future! Our handy multimeter in pen form not only offers the classic functions such as voltage measurement, capacitance measurement, resistance measurement, diode test and continuity test, but also innovative features. With the non-contact voltage test (NCV), you can safely test electrical fields. while the rotating field measurement and temperature measurement offer you even more versatility. A must-have for every professional!

ADVANTAGES

> Extensive multimeter function
> NCV
> Rotary field determination
> Handy in pen form

SPECIFICATIONS

	Testboy Pen 1000	Accuracy
Display	LC-Display	
AC voltage	6 V, 60 V, 600 V	±1.0 %, ±4 Digits
DC voltage	6 V, 60 V, 600 V	±0.5 %, ±4 Digits
	1000 V	±0.8 %, ±10 Digits
Capacitance measurement	10 nF, 100 nF	
	1 µF, 10 µF 100 µF	±3.5 %, ±20 Digits
	1 mF, 10 mF	
	60 mF	±5.0 %, ±3 Digits
Resistance	600 Ω	±0.8 %, ±5 Digits
	6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ	±0.8 %, ±3 Digits
	60 MΩ	±2.5 %, ±10 Digits
Frequency measurement	up to 10 MHz	
Diode test	Yes	
Continuity test	Yes (acoustic up to 50 Ω)	
Non-contact voltage test (NCV)	Yes	
Rotary field determination	Yes	
Temperature measurement	-20 °C to+ 50 °C	
Data-Hold	Yes	
Measuring point lighting	Yes	
Auto-Power-Off	Yes	
Overvoltage category	CAT III 600 V	
Dimensions	170 x 24 x 21 mm	
Weight	40 g (without battery)	
Operating temperature range	0 – 40 °C (32 – 104 °F)	
Power supply	1 x AAA 1.5 V	
Scope of delivery	Incl. test leads and Carrying bag	
Item number	**61415000**	
EAN-code	**4028532130039**	





TESTBOY 313

Digital Multimeter with Automatic Measuring Range Protection



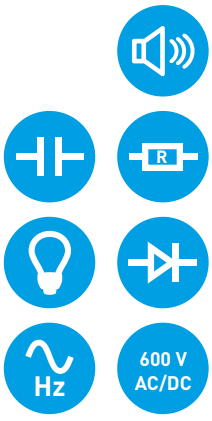
The Testboy 313 digital multimeter offers many important standard functions and is particularly safe to use, as the automatic measurement range protection prevents incorrect operation. It also features a clear, easy-to-read 37 mm LC display and backlighting.

SPECIFICATIONS

	Testboy 313	Accuracy
Display	LCD with backlight	
Measuring range selection	Manual	
AC voltage	2 V, 20 V, 200 V	±0.8 %, ±3 Digits
	600 V	±0.8 %, ±3 Digits
DC voltage	200 mV, 2 V, 20 V	±0.5 %, ±3 Digits
	600 V	±0.8 %, ±5 Digits
AC current	2 mA, 20 mA	±1.0 %, ±5 Digits
	200 mA	±1.5 %, ±3 Digits
	10 A	±2.0 %, ±8 Digits
DC current	2 mA, 20 mA	±1.0 %, ±3 Digits
	200 mA	±1.5 %, ±3 Digits
	10 A	±2.0 %, ±5 Digits
Resistance	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ	±1.0 %, ±5 Digits
	20 MΩ	±1.5 %, ±5 Digits
Frequency measuring range	0 – 20 kHz	
Continuity test	Yes, with acoustic signal at < 50 V	
Capacity	Up to 20 µF	±4.0 %, ±3 Digits
Diode test	Yes	
Temperature	-20 – 1000 °C (depending on K-type sensor)	
Maximum input voltage	600 V AC / DC	
Input impedance	> 7.5 MΩ, type 10 (ACV / DCV)	
AC voltage bandwidth	50 – 400 Hz	
Data-Hold	Yes	
Overvoltage category	CAT III 600 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030; EN 61010-2-031; EN 61010-2-033	
Dimensions	195 x 90 x 35 mm	
Weight	390 g	
Fuses	200 mA (self-resetting)	
	10 A / 1000 V (fast))	
Power supply	1 x 9 V block, 6LR61	
Scope of delivery	Carrying bag, measuring leads and K-type sensor (0 – 180 °C)	
Item number	**61404000**	
EAN-code	**4028532203139**	

ADVANTAGES

> Automatic measuring range protection
> Large LCD with backlight
> Temperature measurement







TESTBOY 317
Digital-Multimeter



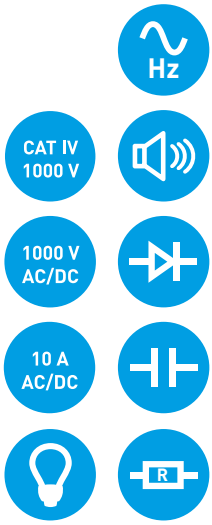
The new Testboy 317 digital multimeter opens up numerous possibilities for measuring and testing. The Testboy 317 is a professional true RMS multimeter. In addition to the standard functions, the device tests temperature, resistance, frequencies up to 10 MHz and capacitance measurements up to 60 mF. The Testboy 317 is used in the fields of electrical installation, service and industry. The non-contact voltage tester and the easy-to-read 40 mm LC display with backlighting make working with this real all-rounder easier.

SPECIFICATIONS

	Testboy 317	Accuracy
Display	Large, illuminated LCD	
AC voltage	600 mV, 6 V, 60 V, 600 V	±0.8 %, ±5 Digits
	1000 V	±1.5 %, ±5 Digits
DC voltage	600 mV, 6 V, 60 V, 600 V	±0.8 %, ±4 Digits
	1000 V	±1.0 %, ±5 Digits
AC current	600 µA, 6000 µA	±1.5 %, ±3 Digits
	60 mA, 600 mA	±1.5 %, ±3 Digits
	10 A	±3.0 %, ±10 Digits
DC current	600 µA, 6000 µA	±1.2 %, ±3 Digits
	60 mA, 600 mA	±1.2 %, ±3 Digits
	10 A	±2.0 %, ±10 Digits
Resistance	600 Ω	±1.2 %, ±5 Digits
	6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ	±1.2 %, ±5 Digits
	60 MΩ	±2.0 %, ±10 Digits
Capacitance measurement	60 nF 600 nF	±4.0 %, ±3 Digits
	6 µF, 60 µF, 600 µF	±4.0 %, ±3 Digits
	6 mF, 60 mF	±4.0 %, ±3 Digits
Diode test	Yes	
Continuity test	Yes (acoustic up to 50 Ω)	
Contactless voltage test (NCV)	Yes	
LED torch	Yes	
Duty cycle	Yes (1 % – 99 %)	
Temperature measurement	-200 – 1300 °C (with suitable K-type sensor)	
Maximum input voltage	1000 V AC / 1000 V DC	
Input impedance	> 7.5 MΩ, type 10 (ACV / DCV)	
AC voltage bandwidth	50 – 400 Hz	
Frequency measuring range	10 Hz – 10 MHz	
Fuses	200 mA (self-resetting); 10 A	
Operating temperature range	0 – 40 °C (32 – 104 °F)	
Storage temperature range	-10 – 50 °C (14 – 122 °F)	
Overvoltage category	CAT IV 1000 V	
Data-Hold	Yes	
Standard	IEC/EN 61010-1 IEC/EN 61010-2-033	
Dimensions	190 x 90 x 55 mm	
Weight	470 g	
Power supply	1 x 9 V (6F22)	
Scope of delivery	Incl. test leads, temperature sensor, holster and Carrying bag	
Item number	**61413000**	
EAN-code	**4028532203177**	

ADVANTAGES

> CAT IV 1000 V
> Up to 1000 V AC/DC
> Robust housing





TESTBOY 318
Digital-Multimeter



Discover the Testboy 318, our digital multimeter for photovoltaic systems! With its impressive functions, it is the perfect tool for your measurement needs. Whether you need to measure DC voltage up to 1500 V, AC voltage up to 1000 V or current up to 2 A AC/DC – this multimeter offers you precise measurement results in all areas. It also offers you all the measurement functions you need for your photovoltaic systems.

SPECIFICATIONS

	Testboy 318	Accuracy
Display	40 mm large, illuminated LCD	
AC voltage	600 mV, 6 V, 60 V, 600 V	±0.8 %, ±5 Digits
	1000 V	±1.5 %, ±5 Digits
DC voltage	600 mV, 6 V, 60 V, 600 V	±0.8 %, ±4 Digits
	1000 V, 1500 V	±1.0 %, ±5 Digits
AC current	600 µA, 6000 µA	±1.5 %, ±3 Digits
	60 mA, 600 mA	±1.5 %, ±3 Digits
	2 A	±3.0 %, ±10 Digits
DC current	600 µA, 6000 µA	±1.2 %, ±3 Digits
	60 mA, 600 mA	±1.2 %, ±3 Digits
	2 A	±2.0 %, ±10 Digits
Resistance	600 Ω	±1.2 %, ±5 Digits
	6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ	±1.2 %, ±5 Digits
	60 MΩ	±2.0 %, ±10 Digits
Capacitance measur	60 nF 600 nF	±4.0 %, ±3 Digits
	6 µF, 60 µF, 600 µF	±4.0 %, ±3 Digits
	6 mF, 60 mF	±4.0 %, ±3 Digits
Diode test	Yes	
Continuity test	Yes (acoustic up to 50 Ω)	
Contactless voltage test (NCV)	Yes	
LED torch	Yes	
Duty cycle	Yes (1 % – 99 %)	
Temperature measurement	-200 – 1300 °C (with suitable K-type sensor)	
Maximum input voltage	1000 V AC / 1500 V DC	
Input impedance	> 7.5 MΩ, type 10 MΩ (ACV / DCV)	
AC voltage bandwidth	50 – 400 Hz	
Frequency measuring range	10 Hz – 10 MHz	
Fuses	200 mA (self-resetting); 2 A/1000 V (fast)	
Operating temperature range	0 – 40 °C (32 – 104 °F)	
Storage temperature range	-10 – 50 °C (14 – 122 °F)	
Overvoltage category	CAT IV 1000 V	
Data-Hold	Yes	
Standard	IEC/EN 61010-1, IEC/EN 61010-2-033	
Dimensions	190 x 90 x 55 mm	
Weight	470 g	
Power supply	1 x 9 V (6F22)	
Scope of delivery	Standard measuring cables, MC 4 measuring cable set, temperature sensor, holster and carrying bag	
Item number	**61414000**	
EAN-code	**4028532203184**	

ADVANTAGES

> CAT IV 1000 V
> Suitable for photovoltaics
> Up to 1000 V AC
> Up to 1500 V DC
> incl. MC 4 measuring cable set





TESTBOY 2200

Digital Multimeter with Cable Break Detector and LED Torch



The versatile Testboy 2200 digital multimeter has all the functions required for universal use in electrical installation, service and industry. It is practical and safe to use, delivers reliable, precise measurement results and has all standard functions as well as the ability to measure currents in the microampere range. The protection is increased by the built-in non-contact cable break detector. The integrated LED torch makes it easier to work in poorly lit areas.

SPECIFICATIONS

	Testboy 2200	Accuracy
Display	LCD with backlight	
Measuring range selection	Automatisch	
AC voltage	2 V, 20 V, 200 V, 400 V	±1.5 %, ±5 Digits
DC voltage	200 mV	±0.5 %, ±3 Digits
	2 V, 20 V, 200 V, 400 V	±0.8 %, ±5 Digits
AC current	200 µA, 2000 µA	±1.3 %, ±5 Digits
	4 A	±1.5 %, ±8 Digits
DC current	200 µA, 2000 µA	±1.0 %, ±3 Digits
	4 A	±1.2 %, ±5 Digits
Resistance	200 Ω	±1.0 %, ±5 Digits
	2 kΩ, 20 kΩ, 200 kΩ	±1.8 %, ±5 Digits
	2 MΩ	±1.0 %, ±5 Digits
	20 MΩ	±1.8 %, ±5 Digits
Contactless voltage test	Yes, from 110 V AC	
Continuity test	Yes, with acoustic signal at < 50 Ω	
Diode test	Yes	
Maximum input voltage	400 V AC/DC	
Input impedance	> 7.5 MΩ, type 10 MΩ (ACV / DCV)	
AC voltage bandwidth	50 – 400 Hz	
Integrated torch	Yes	
Data-Hold	Yes	
Auto-Power-Off	Yes, after 15 minutes	
Overvoltage category	CAT II 400 V / CAT III 300 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-033	
Dimensions	140 x 70 x 30 mm	
Weight	188 g	
Fuses	200 mA / 400 V (fast) 4 A / 400 V (fast)	
Power supply	2 x AAA, 1.5 V, LR03	
Scope of delivery	Carrying bag and test leads	
Item number	**61406000**	
EAN-code	**4028532122003**	

ADVANTAGES

> Non-contact cable break detector
> LED torch
> Auto-range function





TESTBOY 3000

Digital Multimeter with Cable Break Detector and Safety Level CAT IV



Modern design, the latest technology and an extended range of functions enable universal use of the Testboy 3000 in industry and trade. Practical additional functions include the contactless cable break detector, the LED torch and the auto range function. Thanks to the break-proof and impact-resistant ABS housing and its simple handling, the digital multimeter is suitable for use in the harshest conditions.

SPECIFICATIONS

	Testboy 3000	Accuracy
Display	LCD with backlight	
Measuring range selection	Automatic	
AC voltage (T-RMS)	2 V, 20 V, 200 V, 600 V	±1.5 %, ±5 Digits
DC voltage	200 mV, 2 V	±0.5 %, ±3 Digits
	20 V, 200 V, 600 V	±0.8 %, ±5 Digits
AC current (T-RMS)	200 µA, 2000 µA	±1.3 %, ±5 Digits
	10 A	±1.5 %, ±8 Digits
DC current	200 µA, 2000 µA, 20 mA, 200 mA	±1.0 %, ±3 Digits
	2 A, 10 A	±1.2 %, ±5 Digits
Contactless voltage test	Yes, from 110 V AC	
LED torch	Yes	
Resistance	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ	±1.0 %, ±5 Digits
	20 MΩ	±1.8 %, ±5 Digits
Continuity test	Yes, with acoustic signal at < 50 Ω	
Diode test	Yes	
Maximum input voltage	600 V AC / DC	
Input impedance	> 7.5 MΩ, type 10 MΩ (ACV / DCV)	
AC voltage bandwidth	50 – 400 Hz	
Measuring point lighting	Yes	
Data-Hold	Yes	
Auto-Power-Off	Yes, after 15 minutes	
Overvoltage category	CAT IV 600 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030; EN 61010-2-031; EN 61010-2-033	
Dimensions	165 x 90 x 30 mm	
Weight	311 g	
Fuses	250 mA (fast)	
	10 A / 690 V (fast)	
Power supply	2 x AAA, 1.5 V, LR03	
Scope of delivery	Carrying bag and test leads	
Item number	**61407000**	
EAN-code	**4028532130008**	

ADVANTAGES

> Contactless cable break detector
> LED torch
> Auto-range function







TESTBOY POCKET 100
Compact Digital Multimeter



The Testboy Pocket 100 is the systematic further development of the handy Testboy Pocket, which has found many friends among tradesmen and hobby electricians alike. Thanks to its compact design, large display, many functions and simple operation, it is the ideal companion for all standard measuring tasks.

ADVANTAGES

> Easy-to-read LCD with backlight
> Data-Hold function
> T-RMS

SPECIFICATIONS

	Testboy Pocket 100	**Accuracy**
Display	LCD with backlight	
Measuring range selection	Automatic	
AC voltage (T-RMS)	600 mV, 6 V, 60 V, 600 V	±0.8 %, ±3 Digits
DC voltage	600 mV, 6 V, 60 V, 600 V	±0.8 %, ±2 Digits
Frequency	10 Hz – 10 MHz	±1.0 %, ±5 Digits
Resistance	600 Ω, 6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ	±1.2 %, ±5 Digits
	60 MΩ	±2.0 %, ±10 Digits
Continuity test	Yes, with acoustic signal a < 50 Ω	
Diode test	Yes	
Capacity	60 nF – 60 mF	±4.0 %, ±3 Digits
Duty cycle	Yes	±3.0 %, ±3 Digits
Maximum input voltage	600 V	
Input impedance	10 MΩ (ACV / DCV)	
AC voltage bandwidth	40 – 1000 Hz	
Data-Hold	Yes	
Auto-Power-Off	Yes, after 5 minutes	
Overvoltage category	CAT III 600 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030; EN 61010-2-031; EN 61010-2-033	
Abmessungen	133 x 62 x 27 mm	
Gewicht	105 g	
Spannungsversorgung	2 x AAA, 1.5 V, LR03	
Lieferumfang	Measuring cable, holding magnet and Carrying bag	
Item number	**61402000**	
EAN-code	**4028532130022**	







TESTBOY

Current Measurement Clamps


Gmbh, Germany

TESTBOY TV 216 N
Digital Clamp Amperemeter



The digital clamp ammeter Testboy TV 216 N is an all-rounder that combines the functions of a current clamp and a multimeter. With its wide range of measuring functions, it is the perfect helper for use in the service sector, in industry or in installations. Useful details such as the large displaymanual or automatic measuring range selection and measuring point illumination make operation particularly convenient and safe. The Carrying bag included in the scope of delivery protects the device and accessories, even during transport.

SPECIFICATIONS

	Testboy TV 216 N	Accuracy	Lowest resolution
Display	LCD with backlight		
Measuring range selection	Automatic / manual		
AC voltage	600 mV	±1.5 %, ±10 Digits	1 mV
	6 V, 60 V	±1.2 %, ±5 Digits	1 mV
	600 V	±1.5 %, ±10 Digits	100 mV
DC voltage	600 mV, 6 V, 60 V	±0.8 %, ±3 Digits	1 mV
	600 V	±1.0 %, ±5 Digits	100 mV
AC current	60 A, 600 A	±3.0 %, ±10 Digits	10 mA (40 – 400 Hz)
DC current	60 A, 600 A	±3.0 %, ±10 Digits	10 mA (40 – 400 Hz)
Frequency measurement via clamp head	600 Hz, 1 kHz, > 1 A A rms	±1.5 %, ±5 Digits	0.1 mHz
Frequency measurement via measuring sockets	600 Hz, 6 kHz, 10 kHz, > 0.2 V A rms	±1.5 %, ±5 Digits	
Frequency measuring range	10 Hz – 10 kHz		
Resistance	600 Ω, 6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ	±1.2 %, ±2 Digits	
	60 MΩ	±2.0 %, ±5 Digits	
Continuity test	Yes, at < 30 Ω		
Diode test	Yes		
Capacity	up to 60 mF		
Duty cycle	10 – 95 %, ±3.0 %, > 1 A AC rms		
Maximum input voltage	600 V		
Input impedance	10 MΩ		
Clamp opening	max. Ø 24 mm		
Measuring point lighting	Yes		
Data-Hold	Yes		
Auto-Power-Off	Yes		
Overvoltage category	CAT III 600 V		
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030; EN 61010-2-031; EN 61010-2-032; EN 61010-2-033		
Abmessungen	210 x 80 x 35 mm		
Gewicht	250 g		
Spannungsversorgung	3 x AAA, 1.5 V, LR03		
Lieferumfang	Carrying bag and test leads		
Item number	**61501000**		
EAN-code	**4028532212162**		

ADVANTAGES

> Wide range of functions
> Easy to read LCD
> LED measuring point lighting
> Contactless measurement of frequencies and duty cycle
> T-RMS measuring method for non-sinusoidal voltages







TESTBOY TV 217
Leakage Current Clamp



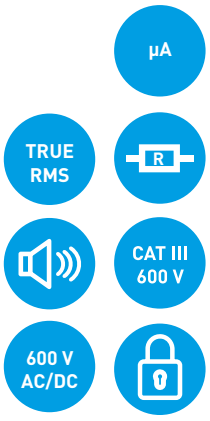
The Testboy TV 217 leakage current clamp demonstrates its performance in PE conductor and touch current measurement of systems, permanently connected devices and three-phase consumers. Thanks to its extensive multimeter functions, it is a versatile all-rounder with safe and convenient ergonomics.

ADVANTAGES

> Wide range of functions
> Low-pass filter mode
> Easy to read LCD
> T-RMS measurement method for non-sinusoidal vo

SPECIFICATIONS

	Testboy TV 217			
Display	LCD with backlight			
Measuring range selection	Manual			
	Measuring range	**Resolution**	**LPF (50 / 60 Hz)**	**Wide (40 Hz – 1 kHz)**
AC current	4 mA	0.001 mA	±2.0 %, ±10 Digits	±3.0 %, ±5 Digits
	40 mA	0.01 mA	±2.0 %, ±10 Digits	±3.0 %, ±5 Digits
	400 mA	0.1 mA	±2.0 %, ±5 Digits	±3.0 %, ±3 Digits
	4 A	0.001 A	±2.0 %, ±5 Digits	±3.0 %, ±3 Digits
	40 A	0.01 A	±2.0 %, ±10 Digits	±3.0 %, ±5 Digits
	150 A	0.1 A	±2.0 %, ±10 Digits	±3.0 %, ±5 Digits
		Accuracy	**Lowest resolution**	
AC voltage	4 V, 40 V, 400 V, 600 V	±1.0 %, ± 3Digits	1 mV	
DC voltage	4 V, 40 V, 400 V, 600 V	±0.5 %, ±4 Digits	1 mV	
Resistance	400 Ω, 4 kΩ, 40 kΩ, 400 kΩ, 4 MΩ, 40 MΩ	±1.0 %, ±3 Digits		
Continuity test	Yes, at < 40 Ω			
Diode test	Yes			
Capacity	40 nF, 400 nF, 4000 nF, 40 µF, 400 µF, 4 mF, 40 mF	±3.0 %, ±8 Digits		
Temperature measurement	Yes			
Maximum input voltage	600 V			
Input impedance	10 MΩ			
Clamp opening	max. Ø 27 mm			
Data-Hold	Yes			
Auto-Power-Off	Yes			
Overvoltage category	CAT III 600 V			
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-032; EN 61010-2-033			
Dimensions	213 x 62 x 38 mm			
Weight	238 g			
Power supply	2 x AAA, 1.5 V, LR03			
Scope of delivery	Carrying bag and test leads			
Item number	**61502000**			
EAN-code	**4028532202170**			





TESTBOY TV 218
Digital Miniature Clamp Amperemeter



The digital miniature clamp-on ammeter Testboy TV 218 delivers precise measurement results even in hard-to-reach places with the true RMS measurement and a sampling rate of three times per second. This is because it can be used anywhere the hand can reach. Despite its compact design, also impresses with useful functions such as Data-Hold and Auto-Power-Off.

ADVANTAGES

> Extremely compact design
> T-RMS
> Data-Hold function

SPECIFICATIONS

	Testboy TV 218	Accuracy	Lowest resolution
Display	LCD with backlight		
Measuring range selection	Manual		
AC current (T-RMS)	40 A	±3.0 %, ±5 Digits	0.01 A
	200 A	±3.0 %, ±5 Digits	0.1 A
DC current	40 A	±2.5 %, ±8 Digits	0.01 A
	200 A	±2.5 %, ±8 Digits	0.1 A
Clamp opening	max. Ø 23 mm		
Data-Hold	Yes		
Auto-Power-Off	Yes		
Overvoltage category	CAT III 300 V		
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-032		
Dimensions	155 x 50 x 25 mm		
Weight	103 g		
Power supply	2 x button cell, LR44, 1.5 V		
Scope of delivery	Carrying bag		
Item number	**61503000**		
EAN-code	**4028532202187**		





TRUE RMS

200 A AC/DC

TESTBOY TV 222
Digital Mini Clamp Amperemeter



The current clamp from Testboy, the TV 222, is ideal use in confined spaces thanks to its handy, compact and lightweight design. With all its functions, the Testboy TV 222 offers three measuring devices in one: current clamp, multimeter and non-contact voltage tester. The TV 222 measures current up to 100 A AC/DC, voltage up to 600 V AC/DC, resistance up to 20 kΩ and the capacity up to 20 mF. Other excellent features include a continuity test, diode test, Data-Hold and a Auto-Power-Off function.

SPECIFICATIONS

	Testboy TV 222	Lowest resolution	Accuracy
Display	LCD with backlight		
Resistance measurement	200 Ω 2 kΩ 20 kΩ 200 kΩ 2 MΩ 20 MΩ	0.1 Ω 1 Ω 10 Ω 100 Ω 1 kΩ 10 kΩ	±1.0 %, ±2 Digits ±1.0 %, ±2 Digits ±1.0 %, ±2 Digits ±1.0 %, ±2 Digits ±1.2 %, ±3 Digits ±1.2 %, ±3 Digits
AC voltage	2 V 20 V 200 V 600 V	1 mV 10 mV 100 mV 100 mV	±1.0 %, ±3 Digits ±1.0 %, ±3 Digits ±1.0 %, ±3 Digits ±1.2 %, ±3 Digits
DC voltage	200 mV 2 V 20 V 200 V 600 V	0.1 mV 1 mV 10 mV 100 mV 1 V	±0.7 %, ±5 Digits ±0.7 %, ±3 Digits ±0.7 %, ±3 Digits ±0.7 %, ±3 Digits ±0.7 %, ±3 Digits
AC current	2 A 20 A 100 A	1 mA 10 mA 100 mA	±3.0 %, ±10 Digits ±2.5 %, ±8 Digits ±2.5 %, ±10 Digits
DC current	2 A 20 A 100 A	1 mA 10 mA 100 mA	±2.0 %, ±8 Digits ±2.0 %, ±3 Digits ±2.0 %, ±3 Digits
Capacitance measurement	Yes up to 20 mF		
Continuity test	Yes		
NCV	Yes		
Diode test	Yes		
Data-Hold	Yes		
Auto-Power-Off	Yes, after 15 min		
Dimensions	175 x 60 x 33.5 mm		
Clamp opening	Ø 17 mm		
Weight	165 g incl. batteries, 150 g without bat		
Power supply	2 x 1.5 V AAA		
Scope of delivery	Carrying bag and test leads		
Item number	**61508000**		
EAN-code	**4028532202224**		

ADVANTAGES

> With multimeter function
> Current measurement AC/DC
> Very precise
> Small and handy







TESTBOY

Socket Outlet Testers



TESTAVIT SCHUKI 1 LCD, 3 LCD
Socket Testers



With the Testavit Schuki 1 LCD and 3 LCD, you can easily check whether sockets, cable reels or connecting cables in 230 V systems are connected correctly. Thanks to three LEDs, the connection status can be determined quickly and clearly. The finger contact can also be used to test whether an impermissibly high touch voltage is present at the protective conductor connection. The Testavit Schuki 1 LCD can also be used to trigger a 30 mA residual current device (RCD).

ADVANTAGES

> Fast and reliable testing of installations
> Finger contact for testing the protective conductor connection
> FI/RCD test 30 mA at 230 V AC (Schuki 1 LCD)
> Can be used in systems with classic zeroing

SPECIFICATIONS

	Testavit Schuki 1 LCD	**Testavit Schuki 3 LCD**
Display	Optical, LED and LCD	
Operating voltage	230 V, 50 Hz	
FI/RCD test	Yes, via the button	No
Rated residual current	30 mA at 230 V AC	No
Wiring display	Yes, via 3 LEDs	
Overvoltage category	CAT II 300 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030	
Dimensions	80 x 60 x 60 mm	
Weight	60 g	
Power supply	About the test object	
Item number	**61601000**	**61604000**
EAN-code	**4028532200077**	**4028532200084**





30 mA RCD

TESTAVIT SCHUKI 2 K
Socket Tester



The Testavit Schuki 2 K can be used to check socket outlets in 230 V systems for the correct connection of the conductors and to carry out an RCD/RCD test. Thanks to the cable with Schuko plug, this is also easy to do in areas that are difficult to access.

ADVANTAGES

> Convenient testing of hard-to-reach sockets
> RCD/RCD test with adjustable rated residual current

SPECIFICATIONS

	Testavit Schuki 2 K
Display	Optical, 6 glow lamps
Operating voltage	230 V, 50 Hz
FI/RCD test	Yes, via the button
Rated residual current	10 mA, 30 mA, 100 mA, 300 mA, 500 mA
Release time	200 ms
Overvoltage category	CAT II 300 V
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030
Dimensions	130 x 50 x 40 mm
Weight	235 g
Power supply	About the test object
Scope of delivery	Carrying bag
Item number	**616030000**
EAN-code	**4028532200046**



TESTAVIT SCHUKI 6
Socket Tester



The Testavit Schuki 6 is an advanced socket outlet tester, which was developed for checking the wiring of sockets and tripping RCDs (30 mA at 230 V AC). The Testavit Schuki 6 is a useful tool for electricians and other professionals who need to regularly test sockets and RCDs to ensure the safety of electrical installations.

ADVANTAGES

> Fast and reliable testing of installations
> 2.0-inch LC display, for clear and easy-to-read information
> FI/RCD test 30 mA at 230 V AC

SPECIFICATIONS

	Testavit Schuki 6
Display	2.0" LC display
Operating voltage	30 – 260 V, 45 – 65 Hz
FI/RCD test	Yes
Rated residual current	30 mA at 230 V AC
Wiring display	Yes, via LC display
Leakage voltage (N-PE)	0 – 99 V, 45 – 65 Hz
Release time	10 – 1000 ms
Overvoltage category	CAT II 300 V
Dimensions	68 x 65 x 75 mm
Weight	60 g
Power supply	2 x 1.5 V AAA
Item number	**61610000**
EAN-code	**4028532200091**

30 mA
RCD





TESTBOY

Cable Detectors, Wall Scanners and Network Testers

TESTBOY 26
Cable Locator with Flashlight



The Testboy 26 cable locator set is a locating device with an integrated LED torch, which makes it extremely easy to locate cables in a wall and in cable ducts. The transmitter is used to modulate a signal onto one end of the cable via the crocodile clips or an adapter. The receiver can then be used to locate the other end of the cable quickly and precisely, even without contacting or stripping. Twisted pairs in telecommunications and network technology can also be precisely identified. An adapter set for locating coax, F and RJ11 connections is included in the scope of delivery. You can choose between a pulsating or continuous tone.

ADVANTAGES

> Stepless volume adjustment
> Maximum cable length 8000 m (unloaded)
> LED torch

SPECIFICATIONS

	Testboy 26
Display	Acoustic
Sound	Adjustable, continuous or alternating
Cable types	YSTY / data cables / NYM / coax
Adapter connections	Crocodile clips, coaxial, F and RJ11
Torch	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Receiver dimensions	95 x 60 x 25 mm
Transmitter dimensions	225 x 30 x 20 mm
Weight	188 g
Power supply	2 x 9 V block, 6LR61
Scope of delivery	Carrying bag, crocodile clips and adapter set for coax, F and RJ11 connections
Item number	**61701000**
EAN-code	**4028532200145**





LED

TESTBOY 27 ANALOG
Cable Locator Set



The Testboy 27 Analog cable locator set is the logical further development of the Testboy 26. This locating device, which is protected against external voltage up to 400 V, ensures that cables can be located in a wall and in the cable duct. A signal is modulated onto one end of the cable with the transmitter via the crocodile clips or an adapter. The other end of the cable can then be located quickly and precisely with the receiver, even without contacting or stripping. The Testboy 27 Analog is particularly reliable and helpful in the telecommunications/ network sector. Double wires can also be identified. With the locating device, you can choose between a continuous or alternating tone. The reception is also visualised.

ADVANTAGES

> Protected against external voltage up to 400 V
> Practical LED display
> Adjustable transmission and reception level

SPECIFICATIONS

	Testboy 27 Analog
Display	Optical and acoustic
Sound	Adjustable, continuous or alternating
Protected against external voltage	Yes, up to 400 V AC
Adjustable sensitivity	Yes
Cable types	YSTY / data cables / NYM / Koax
Adapter connections	Crocodile clips, coaxial, F and RJ11
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Receiver dimensions	240 x 24 x 96 mm
Transmitter dimensions	140 x 59 x 32 mm
Weight	202 g
Power supply	5 x AA, 1.5 V, LR6
Scope of delivery	Carrying bag, crocodile clips and adapter set for coax, F and RJ11 connections
Item number	**61702000**
EAN-code	**4028532210274**





TESTBOY 27 DIGITAL
Cable Locator Set



The Testboy 27 Digital sends a digital signal which makes it very easy to locate. Therefore, this device enables the location of lines and cable in the ground e.g. to locate the limiting wire of a mowing robot or wire of garden lighting. For that scope of application the equipment includes a ground spike. Furthermore, it is fitted with a RJ11 connection. The indication is displayed on a scala or through a selectable tone.

ADVANTAGES

> Voltage proof up to 400 V
> Location of cable in the soil
> Practical LED display
> Adjustable transmission and reception level
> Applicable under voltage

SPECIFICATIONS

	Testboy 27 Digital
Indication	Optical and acoustical
Sound	Adjustable, continuous or alternating
External voltage protected	Yes, up to 400 V AC
Adjustable sensitivity	Yes
Live cable search	Yes
Boundary wire	e.g. for a robotic lawnmower
Type of lines	Power and boundary wires
Adapter connector	Crocodile clamps, coax, F and RJ11
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions receiver	240 x 24 x 96 mm
Dimensions transmitter	140 x 59 x 32 mm
Weight	202 g
Power supply	5 x AA, 1.5 V, LR6
Scope of delivery	Carrying case, crocodile clamps and set with adapters for coax, F and RJ11, ground spike
Item number	**61703000**
EAN-code	**4028532220273**



TESTBOY 28

Network Wiring Tester and Cable Length Meter



The Testboy 28 is a digital, multifunctional network tester and cable length meter with tone generator and port finder function. Standard network wiring can be tested for interruptions, crossovers, swaps, short circuits or split pairs in no time at all. The test results are displayed on a clear LC display. The handy and easy-to-use tester is indispensable for professional users and installers.

ADVANTAGES

> Clear LCD with backlight
> Simple troubleshooting
> Cable length measurement

SPECIFICATIONS

	Testboy 28
Display	LCD with backlight
Cable connections	USB, RJ11, RJ45, BNC/coaxial
Test functions	Interruptions, crossovers, swaps, short circuits or split pairs
Other functions	Cable length measurement
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	150 x 95 x 20 mm
Weight	140 g
Power supply	1 x 9 V block, 6LR61
Scope of delivery	Carrying bag
Item number	**61704000**
EAN-code	**4028532202804**





TESTBOY 29
Network Wiring Tester



The Testboy 29 is a handy digital network tester with a clear LC display. It can be used to check cable formats such as USB, RJ11, RJ45, BNC/coaxial and IEEE 1394 for breaks, swaps or short circuits in next to no time. This easy-to-use test device should therefore be part of the equipment of professional users and installers.

ADVANTAGES

> Break-proof and impact-resistant ABS housing
> Easy-to-read LCD with backlight

SPECIFICATIONS

	Testboy 29
Display	LCD with backlight
Cable connections	USB, RJ11, RJ45, BNC/coaxial and IEEE 1394
Test functions	Interruptions, interchanges, short circuits and testing of continuity (shield)
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	185 x 80 x 30 mm
Weight	270 g
Power supply	1 x 9 V block, 6LR61
Scope of delivery	Carrying bag and test cable
Item number	**61705000**
EAN-code	**4028532202903**



TESTBOY 30
Fuse Locator Set



With the Testboy 30 fuse finder, circuit breakers can be recognised beyond doubt and assigned to the corresponding socket in the respective circuit. The device set consists of two units: The transmitter and the receiver. The adjustable response sensitivity is used for precise localisation. In this way, it is possible to precisely allocate circuits in unknown installations, for example in old buildings or after the purchase of a house, and thus identify retrofitted installations, among other things.The set's receiver can also be used as a contactless voltage tester.

ADVANTAGES

> Break-proof and impact-resistant ABS housing
> Automatic switching between test and search mode
> Visual and acoustic display

SPECIFICATIONS

	Testboy 30
Display	Optical and acoustic
Operating voltage	220 – 240 V AC
Operating frequency	50 – 60 Hz
Adjustable sensitivity	Yes
Contactless voltage tester	Yes, from 110 V AC
Overvoltage category	CAT II 300 V
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Receiver dimensions	190 x 54 x 37 mm
Transmitter dimensions	150 x 56 x 30 mm
Weight	215 g
Power supply	1 x 9 V block, 6LR61
Scope of delivery	Carrying bag
Item number	**61706000**
EAN-code	**4028532203009**





TESTBOY TV 700
Digital Wall Scanner



The Testboy TV 700 detects magnetic and non-magnetic metals as well as wood or live wires. The scan result is shown comprehensively on its easy-to-read and bright display. From the lateral distance to the material to the installation depth, nothing remains hidden. Object proximity is indicated by an LED traffic light and a bar graph, enabling simple, millimetre-precise localisation within seconds.

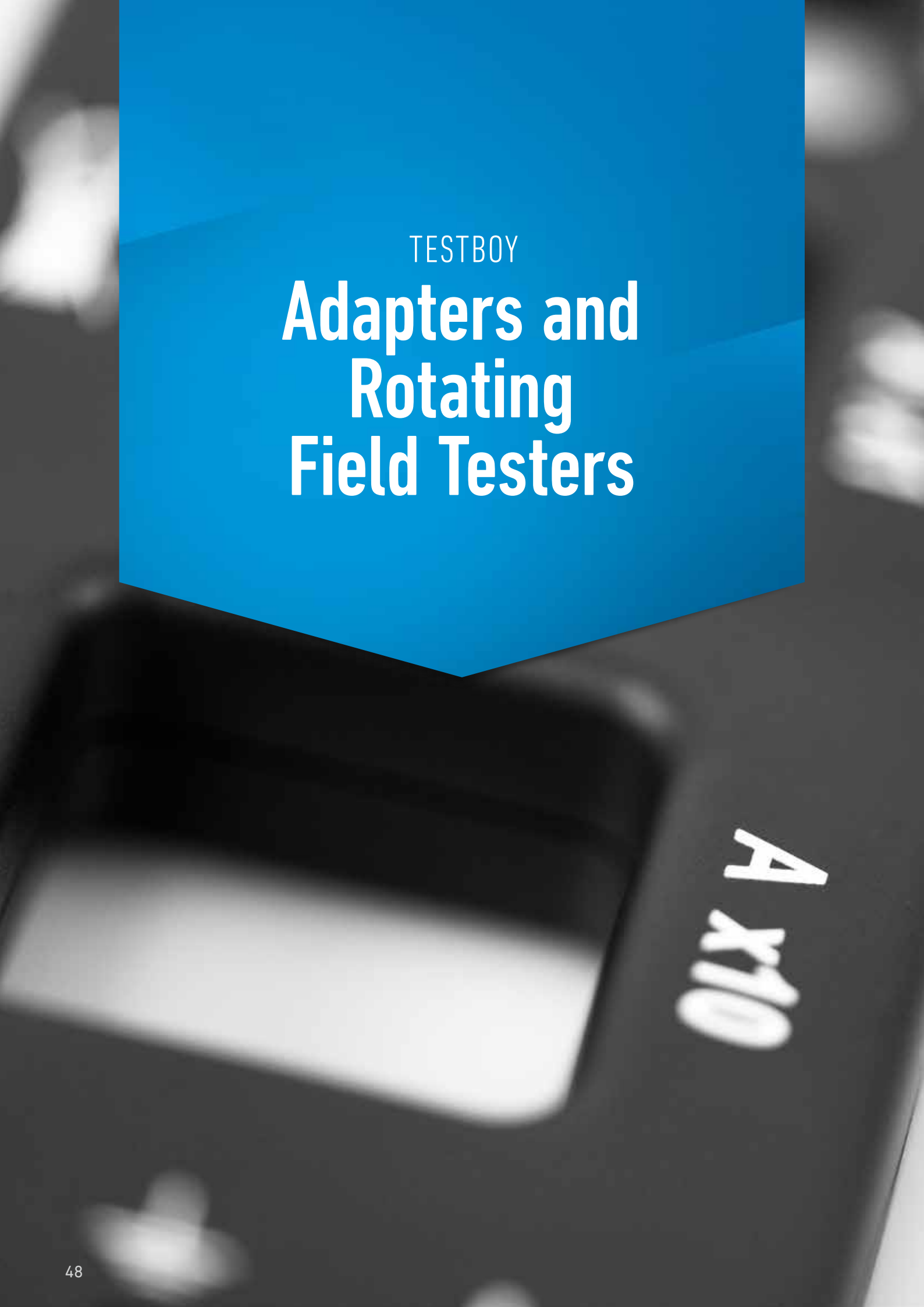
ADVANTAGES

> Practical traffic light display
> High-contrast LCD with backlight
> Automatic calibration

SPECIFICATIONS

	Testboy TV 700	
Display	LCD with backlight, LEDs (traffic light colours) and acoustic signal	
Scan depth	Ferromagnetic metals	up to 80 mm
	Non-ferrous metals	up to 60 mm
	Wood	up to 22 mm
	Live cables	up to 50 mm
Auto-Power-Off	Yes	
Standard	IEC/EN 61010-1 (DIN VDE 0411)	
Dimensions	150 x 70 x 25 mm	
Weight	130 g	
Power supply	1 x 9 V block, 6LR61	
Scope of delivery	Carrying bag	
Item number	**61707000**	
EAN-code	**4028532207007**	





TESTBOY

Adapters and Rotating Field Testers

TESTBOY TV 416 (A), TV 432 (A)
CEE-Adapter*



The Testboy TV 416 (A) and Testboy TV 432 (A) are compact CEE adapters consisting of a combination of a CEE plug (16 A or 32 A) and a Schuko socket outlet with a self-closing hinged cover. In conjunction with the socket outlet testers Testavit Schuki 1 LCD, 3 LCD, 2 K and Testavit Schuki 6, they are used to detect wiring faults or to test the effectiveness of the RCD. The TV 416 and TV 432 versions also have integrated electronics for measuring the direction of the rotating field.

ADVANTAGES

> Can be combined with Testavit Schuki 1 LCD, 3 LCD, 2 K and Testavit Schuki 6
> Rotating field direction indicator (TV 416 and TV 432 only)

SPECIFICATIONS

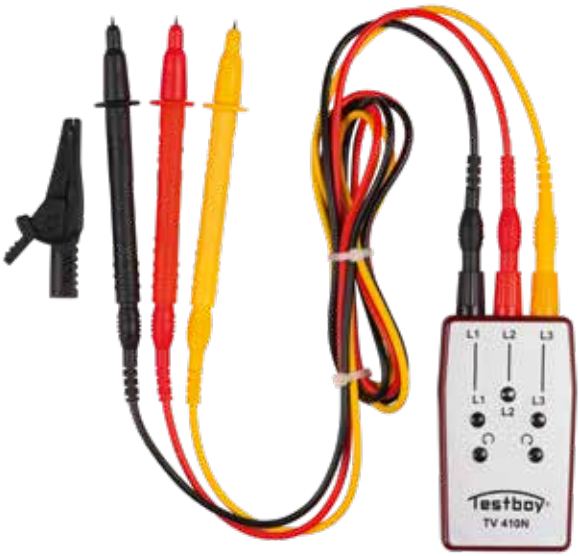
	Testboy TV 416 A	Testboy TV 432 A	Testboy TV 416	Testboy TV 432
Display	None, only serves as an adapter		Optical, 3 glow lamps	
Plug size	16 A	32 A	16 A	32 A
Rotary field direction indicator	No	No	Yes	Yes
Wiring display	No	No	Yes	Yes
Overvoltage category	CAT II 300 V			
Standard	IEC/EN 61010-1 (DIN VDE 0411)		IEC/EN 61010-1 (DIN VDE 0411); 61010-2-030	
Dimensions	165 x 60 x 63 mm	180 x 70 x 65 mm	165 x 60 x 63 mm	180 x 70 x 65 mm
Weight	260 g	350 g	260 g	350 g
Power supply	About the measurement object			
Item number	**61805000**	**61806000**	**61803000**	**61804000**
EAN-code	**4028532204020**	**4028532204044**	**4028532204013**	**4028532204037**



16/32 A

*for test purposes only

TESTBOY TV 410 N
Roating Field Tester



The Testboy TV 410 N rotating field tester uses five glow lamps to indicate the presence of all three phases and determines the direction of the rotating field. The housing made of impactresistant and break-proof ABS plastic, the fully insulated 4 mm sockets and the accompanying, comprehensive and adaptable connection cable set ensure reliable testing and quick determination of the phase position in the three-phase system. This device does not require an additional power supply.

ADVANTAGES

> Comprehensive connection cable set
> Power supply via measurement object

SPECIFICATIONS

	Testboy TV 410 N
Display	Optical, 5 glow lamps
Operating voltage	120 – 400 V AC
Operating frequency	50 / 60 Hz
Rotary field tester	Yes
Phase sequence	Yes (L1, L2, L3)
Test procedure	About test leads
Duty cycle	30 s
Overvoltage category	CAT III 400 V
Standard	IEC/EN 61010-1 (DIN VDE 0411); 61010-2-030
Dimensions	120 x 60 x 25 mm
Weight	80 g
Power supply	About the test object
Test lead length	50 cm each
Scope of delivery	Carrying bag, crocodile clip, test probes and test leads
Item number	**61801000**
EAN-code	**4028532200411**



TESTBOY TV 411

Contactless Rotating Field Tester



The non-contact phase sequence and rotation tester Testboy TV 411 is particularly suitable for service tasks in motor installations and multiphase networks. It visually indicates the presence of the phases and the phase sequence of the phase conductors by means of five LEDs. The contactless measurement with the colour-insulated terminals enables quick servicing and minimises the risk of touching electrically active conductors. The integrated direction of rotation tester also determines the direction of rotation of the motor shaft without contact by testing the alternating magnetic field.

ADVANTAGES

> Contactless testing of the phase sequence and the rotating field
> Integrated direction of rotation tester
> Quick to read LED display

SPECIFICATIONS

	Testboy TV 411
Display	Optical, 6 LEDs
Operating voltage	70 – 600 V AC
Rotary field tester	Yes
Rotation tester	Yes
Phase sequence	Yes (A, B, C)
Test procedure	Inductive via the terminals
Overvoltage category	CAT III 600 V
Standard	IEC/EN 61010-1 (DIN VDE 0411); 61010-2-030
Dimensions	95 x 70 x 30 mm
Weight	185 g
Power supply	2 x AA, LR6, 1.5 V
Test lead length	50 cm each
Scope of delivery	Carrying bag
Item number	**61802000**
EAN-code	**4028532204112**





TESTBOY TV 435
Current Measuring Adapter



The Testboy TV 435 current measuring adapter is used to test various measured values of an electric consumer. The adapter can easily connected between the load and the socket via the existing Schuko connections. The single and tenfold load current, the emitter current between the phase conductor and neutral conductor and the protective conductor current can be determined using a current clamp. The voltage ratios between the connected conductors can also be determined using the measuring sockets provided.

ADVANTAGES

> 1- and 10-fold load current measurement
> Ditter current measurement
> Protective conductor current measurement
> Voltage measurement via integrated measuring sockets

SPECIFICATIONS

	Testboy TV 435
Load current measurement x 1	Yes (A x 1)
Load current measurement x 10	Yes (A x 10)
Ditter current measurement	Yes (mA L-N)
Protective conductor current measurement	Yes (mA PE)
Maximum load	16 A
Voltage measurement	Yes, via the measuring sockets
Cable length	approx. 25 cm per side
Overvoltage category	CAT III 300 V
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-02-030
Dimensions	180 x 53 x 17 mm
Weight	320 g
Item number	**61807000**
EAN-code	**4028532204358**





TESTBOY TV 800

Low-Resistance Tester with 200 mA in Accordance with EN 61557-4



The Testboy TV 800 is a device for testing the continuity resistance of a cable or connection using a test current of 2 mA or 200 mA in accordance with EN 61557-4. It also enables a voltage test up to 300 V AC/DC and compensation of the test leads. The integrated LED serves as a torch or as an optical signal during continuity testing. The non-contact voltage sensor on the back of the device helps to reliably detect interruptions in cables.

ADVANTAGES

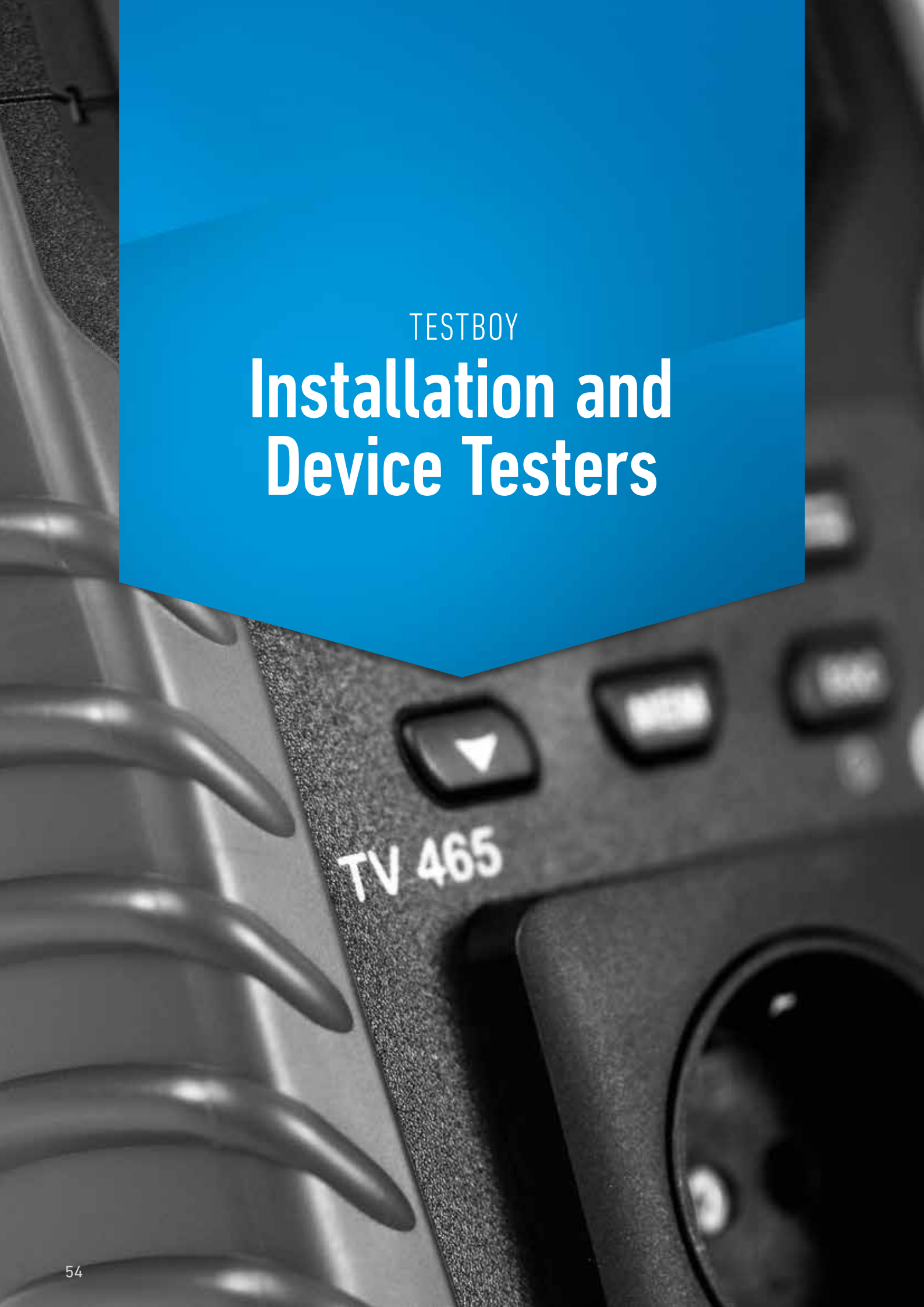
> Break-proof and impact-resistant ABS housing
> Selectable test current for continuity testing
> Visual, acoustic and vibrating display

SPECIFICATIONS

	Testboy TV 800
Display	Visual, acoustic and vibrating
Low-resistance measurement	Up to 20 Ω
Resistance display	0.5 Ω, 1 Ω, 2 Ω, 5 Ω, 10 Ω and 20 Ω
Voltage test	Up to 300 V AC / DC
Voltage display	5 V, 12 V, 24 V, 48 V, 110 V, 230 V, 300 V AC / DC
Polarity	Yes, via the +5 and -5 (V) LEDs
Test current	2 mA or 200 mA
Contactless voltage test	From 110 V AC
External voltage protection	Yes, up to 300 V (except for 200 mA test current)
Measuring line compensation	Yes
Integrated torch	Yes, in voltage mode
Auto-Power-Off	Yes, after 3 minutes (only in voltage mode)
Overvoltage category	CAT III 300 V
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61557-4
Dimensions	123 x 64 x 29 mm
Weight	157 g
Power supply	4 x AA, 1.5 V, LR6
Scope of delivery	Test leads
Item number	**61810000**
EAN-code	**4028532208004**







TESTBOY

Installation and Device Testers

TESTBOY TV 431
Digital Insulation Measuring Device



The digital insulation tester Testboy TV 431 is designed for easy testing of the insulation resistance of devices, electrical systems and circuits. Four selectable test voltages are available for particularly meaningful measurement results at up to 2500 V. The range of applications is considerably extended by the possibility of carrying out AC and DC voltage as well as continuity and resistance measurements.

ADVANTAGES

> Measurement with four selectable measuring voltages (250 V, 500 V, 1000 V, 2500 V)
> Continuity test
> DC and AC voltage measurement

SPECIFICATIONS

	Testboy TV 431		
Display	LCD with backlight and bar graph		
Insulation measuring range	0.01 MΩ – 100 GΩ		
		Resolution	**Accuracy**
Measuring voltage	250 V DC	0 – 250 MΩ	±3 %, ±5 Digits
	500 V DC	0 – 500 MΩ	
	1000 V DC	0 – 1000 MΩ	
	2500 V DC	0 – 100 GΩ	
Maximum measuring current	3 mA		
Resistance	20 Ω	0.01 Ω	±1 %, ±5 Digits
	200 Ω	0.1 Ω	
Continuity test	Yes		
		Resolution	**Accuracy**
AC voltage	0 – 200 V	0.1 V	±0.5 %, ±5 Digits
	200 – 750 V	1 V	
DC voltage	0 – 200 V	0.1 V	±0.5 %, ±5 Digits
	200 – 1000 V	1 V	
Relative value measurement	Yes		
Measured value memory	Yes, 20 measured values		
Data-Hold	Yes		
Auto-Power-Off	Yes		
Overvoltage category	CAT IV 600 V / CAT III 1000 V		
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61557-5		
Dimensions	193 x 150 x 75 mm		
Weight	900 g		
Power supply	6 x C, Baby, LR14		
Scope of delivery	Carrying bag and measuring lead set		
Item number	**61903000**		
EAN-code	**4028532214319**		



TESTBOY TV 441
Digital Earth Resistance Meter



Earthing systems and their connections are subject to the effects of the weather. In addition, the earthing electrodes are attacked by corrosion in the ground, as water and salts are present here. The Testboy TV 441 digital earth resistance meter is used to check the resistance between the reference earth and the connection point of the earthing system in accordance with IEC/EN 61010-1 (VDE 0411). For the measurement, an alternating current is fed between an auxiliary earth electrode and the earth electrode to be measured. The voltage drop is measured and the earth resistance is determined using a probe located in the area of the reference earth electrode of the earth electrode to be measured. (three-wire method).

ADVANTAGES

> Auto-Power-Off
> Measured value memory for 100 measured values

SPECIFICATIONS

	Testboy TV 441	
Display	LCD with backlight and bar graph	
Earth resistance	0 – 29.99 Ω 30 Ω – 4 kΩ	±2 %, ±6 Digits ±3 %, ±3 Digits
Earth voltage	0 – 200 V, 50 / 60 Hz	±1 %, ±5 Digits
Measuring method	Constant current, 3 mA (800 Hz)	
Resistance measurement	Two-pole and three-pole	
Min/max/average	Yes	
Measured value memory	Yes, 100 measured values	
Auto-Power-Off	Yes, after 15 minutes	
Overvoltage category	CAT III 300 V	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61557-4	
Dimensions	193 x 150 x 75 mm	
Weight	955 g	
Power supply	6 x AA, LR6, 1.5 V	
Scope of delivery	Carrying bag, test leads (15 m, 10 m and 5 m) and 2 x auxiliary earth electrodes	
Item number	**61904000**	
EAN-code	**4028532214418**	



TESTBOY TV 445
Installation Tester DIN VDE 0100-600



The Testboy TV 445 installation tester enables tests in accordance with DIN VDE 0100- 600 and is particularly easy to use, partly due to the large LC display and the specific help screens, which describe exactly how a measurement is to be carried out. Stored fuse and RCD (RCD) characteristic curves evaluate the result with a pass/fail statement. For the RCD measurement It has an automatic mode that carries out all the necessary measurements in succession. The lightweight, robust and ergonomic device with integrated magnetic holder enables fatigue-free working.

ADVANTAGES

> Auto-Power-Off
> Testing in accordance with DIN VDE 0100-600, ÖVE E8001, NIN/NIV
> Integrated measuring line compensation

SPECIFICATIONS

	Testboy TV 445
Display	LCD with backlight
Good/bad display	LEDs on the display
Tension	0 – 550 V AC
Earth resistance	0 – 9999 Ω
Insulation resistance	0 – 999 MΩ
Insulation test voltage	50 V, 100 V, 250 V, 500 V, 1000 V
RCD type	A, AC
RCD-UC	0 – 100 V
Release time	0 – 2500 ms
Tripping current	10 mA, 30 mA, 100 mA, 300 mA, 500 mA, 1000 mA
Auto-Power-Off	Yes
Overvoltage category	CAT III 600 V, CAT IV 300 V
Standard	DIN VDE 0100-600; ÖVE E8001
Dimensions	230 x 135 x 75 mm
Weight	1150 g
Power supply	6 x NiMH rechargeable battery 1.2 V
Scope of delivery	Carrying bag, universal test cable 3 x 1.5 m, test cable for Schuko sockets, 3 x test probes and 3 x crocodile clips in blue, black and green, mains adapter, rechargeable batteries, carrying strap and factory calibration certificate
Item number	**61905000**
EAN-code	**4028532204457**





RCD

calibration on request

TESTBOY TV 455

Installation Tester DIN VDE 0100-600 with Fully Fledged Evaluation Software



The Testboy TV 455 is the logical further development of the Testboy TV 445, which is highly regarded among experts. It is also suitable for tests in accordance with DIN VDE 0100-600 and also has integrated test lead compensation. Its large LC display with integrated backlighting makes it easy to read the results, notes, measurement parameters and messages. Two good/bad LED indicators facilitate evaluation. The measurement results can be conveniently analysed with the supplied PC software via its USB interface. It also enables the testing of all-current sensitive RCDs TYPE B.

ADVANTAGES

> Testing in accordance with DIN VDE 0100-600, ÖVE E8001, NIN/NIV
> USB interface and PC software
> Testing of all-current sensitive RCDs (TYPE B)
> Integrated measuring line compensation
> Protocol according to ZVEH (optional)

SPECIFICATIONS

	Testboy TV 455
Display	LCD with backlight
Good/bad display	LED on the display
Tension	0 – 550 V AC
Earth resistance	0 – 9999 Ω
Insulation resistance	0.15 MΩ to 1 GΩ
Insulation test voltage	50 V, 100 V, 250 V, 500 V, 1000 V
RCD type	A, AC, B, F
RCD-UC	0 – 100 V
Release time	0 – 2500 ms
Tripping current	10 mA, 30 mA, 100 mA, 300 mA, 500 mA, 1000 mA
Measured value memory	1900 Measured values
Interface	USB
Auto-Power-Off	Yes
Overvoltage category	CAT III 600 V, CAT IV 300 V
Standard	DIN VDE 0100-600; ÖVE E8001; NIN/NIV
Dimensions	230 x 135 x 70 mm
Weight	1150 g
Power supply	6 x NiMH rechargeable battery 1.2 V
Scope of delivery	Carrying bag, universal test cable 3 x 1.5 m, test cable for Schuko sockets, 3 x test probes and 3 x crocodile clips in blue, black and green, mains adapter, rechargeable batteries, carrying strap, CD with PC software, USB cable and factory calibration certificate
Item number	**61907000**
EAN-code	**4028532204556**

RCD

AC/DC sensitive RCD

USB

incl. Software

calibration certificate





TESTBOY TV 456

Installation Tester for Tests According to DIN VDE 0100-600



In any electrical system, safety precautions and operating functions are two of the most important requirements for preventing hazards to people, systems and buildings. The new battery-operated DIN VDE 0100 tester, the Testboy TV 456, is a professional and convenient installation tester with a large 3.5" TFT colour display and rotary switch. During the development of the appliance tester, attention was paid as usual to quality, functionality and ease of use, in line with the company motto "From practice for practice". The Testboy TV 456 offers the user various features that can be selected according to requirements. This all-in-one tester is multifunctional with modern features and interfaces.

Optionally with EVSE adapter

SPECIFICATIONS

	Testboy TV 456	
Display	TFT colour display with backlight	
Voltage (V)	TRMS Frequency	0 – 550 V AC 10 Hz – 400 Hz
Rotary field	TRMS	50 – 550 V AC 45 Hz – 499 Hz
Earthing resistance Voltage	Three-wire method, four-wire method Specific earthing resistance	0.00 – 9999 Ω 0.0 – 9999 Ω
Passage	Test current 7 mA (two-wire method) Test current 200 mA (two-wire method)	0.0 – 1999 Ω 0.00 – 1999 Ω
Test voltage 50/100/250 V Test voltage 500/1000 V	0 – 199.9 MΩ 0 – 99.99 MΩ	
Rated residual current	6 mA, 10 mA, 30 mA, 100 mA, 300 mA, 500 mA, 650 mA, 1000 mA	
Test current characteristic	A, AC, B, B+, F, EV	
RCD type	G, S	
RCD-UC	0 – 99.9 V	
Release time	0 – 500.0 ms	
Interface	USB	
Auto-Power-Off	Yes adjustable	
Overvoltage category	CAT III 600 V, CAT IV 300 V	
Standard	DIN VDE 0100-600	
Dimensions	95 x 255 x 135 mm	
Weight	1530 g	
Power supply	9 V DC (6 x 1.5 V battery or rechargeable battery, size AA)	
Scope of delivery	Carrying bag, universal test cable 3x1.5 m, test cable for earthed sockets, 3x test probes and 3x crocodile clips in blue, red and green, power supply adapter, 6x1.5 V batteries, carrying strap, USB cable and factory calibration certificate, tip commander	
Item number	**61933102**	
EAN-code	**4028532204563**	

ADVANTAGES

> Installation tester according to DIN VDE 0100 and EN 61557
> All-in-one tester that includes all the necessary Measurements covered
> RCD/FI for types A, AC, B, B+, F
> RCD/FI for electric car charging stations (6 mA DC) EV
> 3.5 inch TFT colour display
> Memory for 1000 measure-ments and PC software for creating a test report

RCD

AC/DC sensitive RCD

USB

incl. Software

calibration certificate





TESTBOY

EVSE Adapter



Electromobility is currently a frequent topic of conversation. Refuelling takes place at permanently installed charging stations (EVSE= Electric Vehicle Supply Equipment), also known as wallboxes, which should also be checked occasionally. Testboy has developed the TV 456 installation tester for this inspection. To use the measuring device to the charging station (wireless power transmission is not possible here), the EVSE adapter is required. This accessory is simply connected between the EVSE charging point (type 2 plug) and the measurement inputs of the TV 456. All wires of the charging plug are available: L1, L2, L3, N, PE, CP and PP. This allows typical installation measurements to be carried out: Voltage, frequency, phase display, Phase sequence, various RCD tests and measurements, insulation resistance, lowimpedance measurements, line and loop impedances.

ADVANTAGES

> Supports all relevant measurements of the TV 456
> All wires of the charging plug are available
> This allows typical installation measurements to be carried out

SPECIFICATIONS

	Testboy EVSE adapter
Working temperature	0 – 40 °C, < 80 % RH
Power supply	230/400 V (50/60 Hz)
Overvoltage category	CAT II 300 V
Test standard	IEC/EN 61010-1 (DIN VDE 0411), IEC/EN 61010-2-031
Type of plug	IEC62196-2 Type 2
Storage temperature	-10 ~ +50 °C, < 80 % RH
PP simulation	20 A
CP simulation	States A, B, C
Error simulation	CP error „E"
Accessories	Operating instructions
Item number	**96731000**
EAN-code	**4028532209551**



TESTBOY TV 465
Appliance Tester DIN VDE 0701-0702



The Testboy TV 465 is a mains-independent appliance tester for testing portable appliances in accordance with DIN VDE 0701-0702. It can be used to test electrical appliances such as tools with on/off switches, heating appliances, motorised appliances, lights, multiple distribution boards and household appliances quickly and easily. Thanks to the pre-programmed test sequences, the menu-driven help function and pass/fail statements, it is particularly easy to use.

ADVANTAGES

> Testing in accordance with DIN VDE 0701-0702, DGUV regulation 3, BetrSichV, ÖVE E 8701/E 8702
> Integrated compensation module
> Menu-driven help function
> Rapid test possible
> Protocol according to ZVEH (optional)

SPECIFICATIONS

	Testboy TV 465
Display	LCD with backlight
Good/bad display	LED on the display
Protective conductor test	0 – 1999 Ω
Test current	200 mA
Insulation resistance	0 – 199.9 MΩ
Test voltage	selectable 250 V DC / 500 V DC
Equivalent leakage current	0 – 20.0 mA
Polarity check	Yes, test voltage <50 V AC
Measuring range selection	Automatic
Measured value memory	With the PRO version
Logging according to ZVEH	With the PRO Plus version
Interface	USB
Auto-Power-Off	Yes
Overvoltage category	CAT II 300 V
Protection class	I, II, III
Standard	DIN VDE 0701 - 0702
Dimensions	230 x 130 x 70 mm
Weight	1032 g
Power supply	6 x NiMH-Akku rechargeable battery 1.2 V
Scope of delivery	Carrying bag, test leads with test probe and crocodile clip, mains adapter and rechargeable batteries
Item number	**61908000**
EAN-code	**4028532204655**



USB

calibration certificate

TESTBOY TV 470

Appliance Tester DIN 0701-0702 and EN 62353



The Testboy TV 470 is a handy test device for simple safety and periodic testing of portable equipment in accordance with DIN VDE 0701-0702 and EN 62353. regular testing is the only way to guarantee the required level of safety. Thanks to the self-explanatory user interface, logging software and DAkkS calibration certificate, it enables companies to carry out standard-compliant tests, including documentation, themselves. The semi-automatic test sequences in particular save a lot of time. Thanks to the barcode scanner supplied, only the devices need to be scanned for the annual repeat test, the test carried out and the data loaded into the software. This automatically sorts the results to the correct customer in the database.

ADVANTAGES

> Specified test sequence with pass/fail statement
> Help screen for each measurement
> Barcode scanner
> Protocol software
> DAkkS calibration certificate

SPECIFICATIONS

	Testboy TV 470
Display	LCD with backlight
Protective conductor resistance	0.1 – 2 Ω ±10 %
Insulation resistance	0.1 – 200 MΩ ±10 %
Contact current	0.1 – 20 mA ±5 %
Equivalent leakage current	0.1 – 20 mA ±5 %
Load current	0.0 – 16,0 A ±5 %
Performance	0 – 3700 V A (W) ±5 %
PELV test	Up to 25 V eff.
Test voltage	38 V / 230 V
Input current	Max. 16 A
Polarity check	Yes
Measuring range selection	Automatic
Measured value memory	Up to 500 test specimens
Interface	USB
Overvoltage category	CAT II 600 V
Standard	DIN EN 50678; EN 62353
Dimensions	260 x 180 x 100 mm
Weight	1560 g
Power supply	Mains voltage: 230 V ±10 %; 50 Hz ±2 %
Scope of delivery	Carrying bag, mains cable, USB cable, CD with PC software, test leads and barcode scanner
Scope of delivery	**61910000**
EAN-code	**4028532200473**

incl. Software

USB

DAkkS



TESTBOY

Thermometers



TESTBOY TV 323
Infrared Thermometer



The Testboy TV 323 infrared thermometer in the shape of a pistol impresses with its uncomplicated handling. With its integrated laser pointer, the location of the measurement can be determined precisely. The switchable display illumination ensures that the measurement data can be read reliably even in poor lighting conditions. It has an extended temperature range from -50 °C to 550 °C (-58 °F to 1022 °F) and an additional min/max value display. The emissivity is fixed at 0.95, which means that most materials such as concrete materials such as concrete, wood or painted surfaces can be measured very well. This makes it ideally suited for daily use in trade and industry.

ADVANTAGES

> Data-Hold function
> Auto-Power-Off
> Min/max value display
> Laser dot can be switched on

SPECIFICATIONS

	Testboy TV 323	**Accuracy**
Display	LCD with backlight	
Measuring optics	12:1	
Detector	Thermopile	
Measuring range	-50 – 550 °C, -58 – 1022 °F	±3.0 °C, ±3.6 °F; ±3 % (the higher value applies)
Laser dot	Switchable	
Laser class	II, 650 nm, <1 mW	
Resolution	0.1 °C	
Response time	< 1 s	
Overflow indicator	"1" when the measuring range is exceeded	
Emissivity	0.95 fixed	
Min/max value display	Yes	
Data-Hold	Yes	
Auto-Power-Off	Yes, after 10 s	
Standard	IEC/EN 61010-1 (DIN VDE 0411)	
Dimensions	152 x 94 x 38 mm	
Weight	70 g	
Power supply	2 x AAA, LR03, 1.5 V	
Item number	**62002000**	
EAN-code	**4028532203238**	



TESTBOY TV 325

Infrared Thermometer with Adjustable Emissivity



The Testboy TV 325 infrared thermometer impresses with its many useful features, such as min/max value memory with alarm function and average value calculation. The infrared measuring range extends from -60 °C to 500 °C (-76 °F to 932 °F). The emissivity is adjustable from 0.10 to 1.00 in 0.01 increments. Since infrared measuring devices calculate the temperature based on the infrared radiation emitted by a measuring object and the emissivity of different materials varies, more accurate measurements are possible. The TV 325 also has a connection for commercially available K-type probes, which increases the measuring range to -64°C to 1400 °C (-83.2 °F to 1999 °F) using the appropriate probe. Thanks to its good and easy handling, it is ideal for mobile use in hard-to-reach places and systems in industrial companies as well as in vehicle workshops, in heating, refrigeration and air conditioning systems and in the electrical trade.

SPECIFICATIONS

	Testboy TV 325
Display	LCD with backlight
Measuring optics	12:1
Detector	Thermopile
Measuring range via infrared	-60 – 500 °C, -76 – 932 °F
Measuring accuracy via infrared	Object 15 – 35 °C, environment 25 °C: ±1.0°C, ±1.8°F Object -33 – 15 °C and 35 – 500 °C, environment 23 °C ±3 °C: ±2 %, 4°F or ±2 %, the larger value applies
Measuring range via sensor	-64 – 1400 °C, -82 – 1999 °F
Measuring accuracy via sensor	Ambient 23 °C ±6 °C: ±1 %, 1.8 °F or ±1 %, the larger value applies
Temperature sensor connection	K-Type
Laser dot	Switchable
Laser class	II, 650 nm, <1 mW
Resolution	0.1 ° (-9.9 – 199.9 °)
Response time	< 0.5 s
Emissivity	Adjustable from 0.10 – 1.00 in 0.01 steps
Min/max value display	Yes, with alarm function
Min/max value memory	Yes
Averaging	Yes
Data-Hold	Yes
Auto-Power-Off	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	180 x 90 x 50 m
Weight	175 g
Power supply	2 x AAA, LR03, 1.5 V
Scope of delivery	Preparedness bag and K-type sensor (-50 – 200 °C)
Item number	**62003000**
EAN-code	**4028532203252**

ADVANTAGES

> Min/max value memory/alarm function
> Adjustable emissivity
> Averaging
> Connection for commercially available K-type sensors





TESTBOY TV 329
Infrared Thermometer



Today, life without temperature measurement is hardly imaginable, whether for the weather, the barbecue, chilled drinks, crafts or industry. The perceived temperature is extremely relative. While Central Europeans feel extremely cold at -2 °C, it is already spring-like for the inhabitants of Greenland. Fortunately, there are thermometers that can also measure without contact, such as the TV 329 infrared thermometer from Testboy with a measuring optics of 12:1. The pyrometer has a temperature range of -50 °C to 550 °C (-58 °F to 1022 °F) and a backlit LC display. The emissivity is fixed at 0.95, which is ideal for measuring materials such as concrete, wood or painted surfaces. The practical pistol shape is easy to handle and the switchable laser accurately determines the temperature point to be measured.

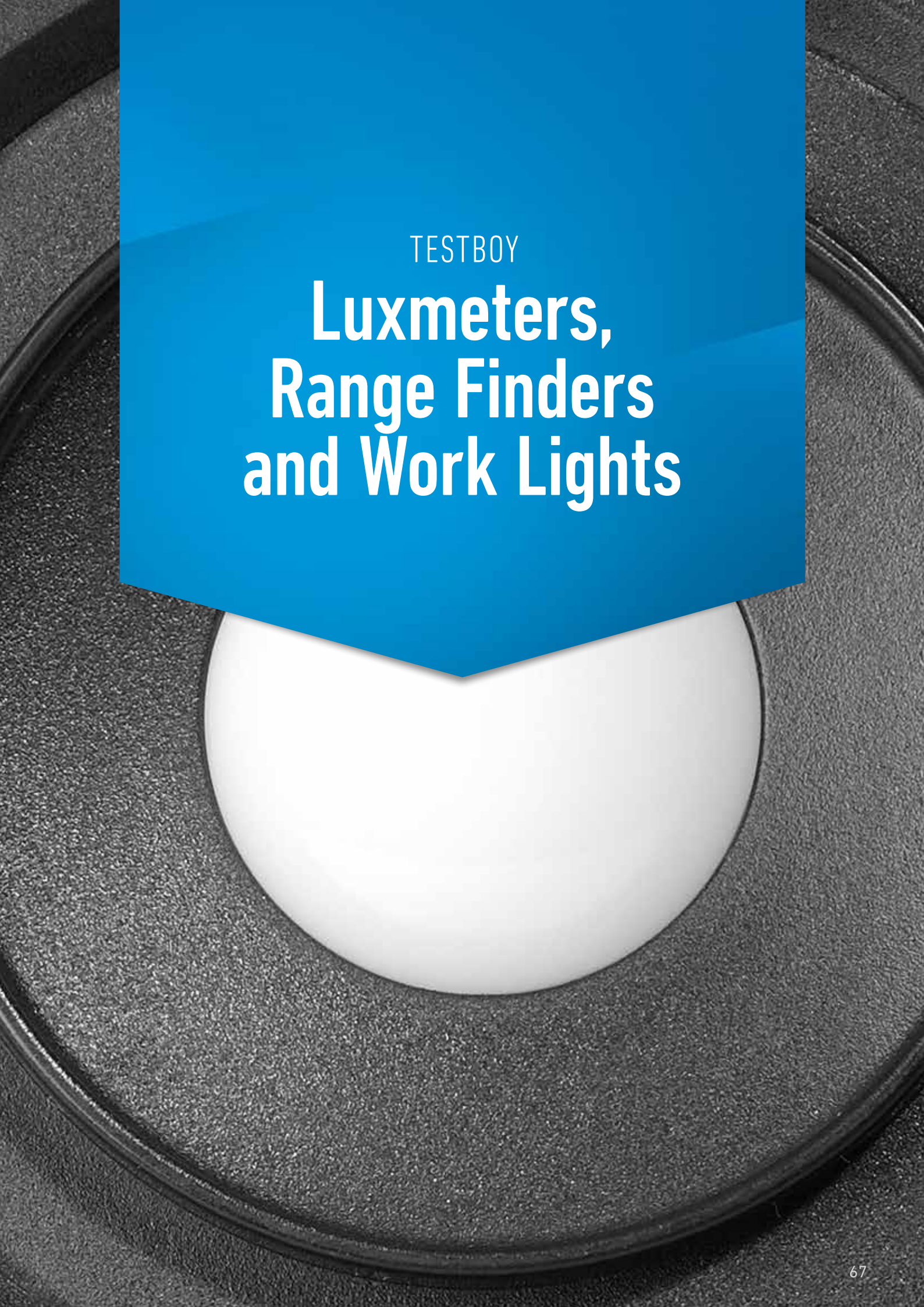
ADVANTAGES

> Data-Hold function
> Auto-Power-Off
> Laser dot can be switched on

SPECIFICATIONS

	Testboy TV 329	**Accuracy**
Display	LCD with green backlight	
Measuring optics	12:1	
Measuring range	-50 – 550 °C, -58 – 1022 °F	±3.6 °C, ±3.0 °F; ±3 % (the higher value applies)
Laser dot	Switchable	
Laser class	II, 650 nm, <1 mW	
Resolution	0.1 °C	
Response time	< 1 s	
Overflow indicator	"1" when the measuring range is exceeded	
Emissivity	0.95 fixed	
Data-Hold	Yes	
Auto-Power-Off	Yes, after 15 s	
Dimension	160 x 86 x 46 mm	
Weight	130 g	
Power supply	2 x AAA, 1.5 V	
Item number	**62007000**	
EAN-code	**4028532203290**	





TESTBOY

Luxmeters, Range Finders and Work Lights

TESTBOY TV 333
Digital Luxmeter



Lux (lx) is the physical unit for the illuminance of a light source. This photometric quantity, whose name comes from the Latin word lux ("light"), indicates how much luminous flux from a light source falls on a surface. With the digital luxmeter Testboy TV 333, this luminous intensity can be measured at a specific location – even in places that are difficult to access thanks to the freely movable sensor. The silicon photodiode behind a large dittusor enables precise measurements of up to 100,000 lx. This corresponds roughly to the value on a bright sunny day outside, while the illuminance in a TV studio is around 1,000 lx and that of a candle at a distance of one metre is around 1 lx. This makes the TV 333 test boy suitable for measurements in offices, conference rooms, classrooms and other public buildings, for example.

ADVANTAGES

> Freely movable sensor with spiral cable
> Large, high-contrast display
> Sensor protection cover

SPECIFICATIONS

	Testboy TV 333
Display	LCD
Measuring range	200 lx, 20000 lx, 100000 lx
Overflow indicator	"1" when the measuring range is exceeded
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	170 x 70 x 25 mm
Weight	140 g
Power supply	1x 9 V block, 6LR61
Scope of delivery	Carrying bag
Item number	**62101000**
EAN-code	**4028532203337**



TESTBOY TV 335
LED Luxmeter up to 400.000 Lux



The Testboy TV 335 light meter is ideal measuring the luminous intensity of LED lighting. The digital luxmeter is handy, stable and has a large measuring range of up to 400,000 lux. The artificially light-sensitive photodiode with adjustable colour temperature detects all light sources. The large LC display quick and reliable reading of the measurement result.

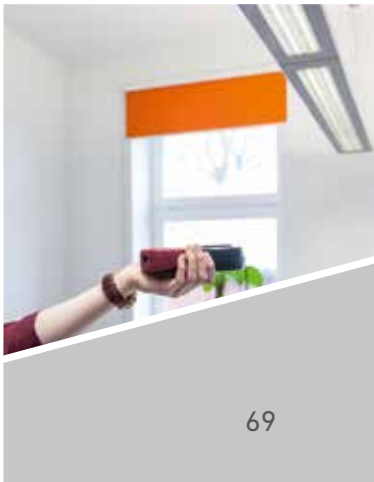
ADVANTAGES

> Artificial light-sensitive photodiode (e.g. for LED lighting)
> Adjustable colour temperature
> Data-Hold function
> Sensor protection cover

SPECIFICATIONS

	Testboy TV 335
Display	LCD with bar graph
Sensor	Silicon photodiode
Measuring range	20, 200, 2000, 20000, 40000 lux
	20, 200, 2000, 40000 fc
	0 – 999900 cd
Measuring accuracy	3 % V(λ)adjustment; 2% cosine correction
Measuring units	lux, fc, cd
Spectral range	320 – 730 nm
Sampling rate	Ø 2 measurements per sec
Min/max value display	Yes
Relative measurement	Yes
Data-Hold	Yes
Auto-Power-Off	Yes
standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	160 x 85 x 45 mm
Weight	250 g (incl. battery)
Power supply	1x 9 V block, 6LR61
Scope of delivery	Carrying bag
Item number	**62102000**
EAN-code	**4028532203351**





TESTBOY TV 610
Laser Range Finder



The long-serving and unwieldy folding rule a new friend in the form of the modern Testboy TV 610 laser distance meter. It reliably measures distances up to 60 metres and enables addition and subtraction. It can also calculate volumes, areas and Pythagoras as well as determine heights using the indirect measurement method. It is equipped with an easy-to-read LCD with backlighting and a spirit level. When not in use, it switches off automatically to save batteries.

ADVANTAGES

> Range up to 60 m
> Addition / subtraction
> Area calculation
> Volume calculation
> Pythagoras calculation

SPECIFICATIONS

	Testboy TV 610
Display	LCD with bac
Measuring range	0.05 – 60 m
Measuring accuracy	±1.5 mm
Resolution	1 mm
Measuring functions	Continuous measurement, addition/subtraction, area calculation, volume calculation, Pythagoras calculation, max/min value, indirect measurement via two- or three-point measurement
Reference point	Front edge, rear edge or stop angle from the corner
Measured value memory	Yes, the last 20 measured values
Units of measurement	Metres, feet, inches
Auto-Power-Off	Yes, after 180 s
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	124 x 49 x 27 mm
Weight	100 g
Power supply	2 x AAA, LR03, 1.5 V
Scope of delivery	Carrying bag
Item number	**62201000**
EAN-code	**4028532206109**









TESTBOY LIGHT 200

LED Work Light with Rechargeable LI-ION Battery



The Testboy Light 200 LED work light is equipped with COB LEDs for uniform illumination and can be swivelled up to 270°. The button can be used to select intensity levels of 50% or 100%, a torch and red light – optionally flashing. The lamp can be attached to the underside using an integrated holding magnet and is particularly suitable for use in confined working environments. The battery is charged using a USB-C cable included in the scope of delivery.

ADVANTAGES

> Easy handling
> 270° swivelling
> Magnet and holder hook
> Permanently installed battery

SPECIFICATIONS

	Testboy Light 200
Light source	COB LED
LED configuration	White light: 100 %, 50 % Torch Red light: steady light and flashing
Luminous flux	270 lumen
Suspension/mounting	Magnet and hook
Lighting duration	100 % – up to 3.5 hours 50 % – up to 5 hours
Charging time	4 hours
Dimensions	Unfolded: 273 x 50 x 34 mm Folded: 146 x 50 x 34 mm
Weight	134 g
Colour	Black
Power supply	Li-Ion rechargeable battery – 1800 mAH
Scope of delivery	Incl. USB-C cable
Item number	**62301000**
EAN-code	**4028532002008**



LED

TESTBOY LIGHT 400
Multifunctional Work Light





The Testboy Light 400 is a multifunctional work light that is characterised by its versatile functions and robust design. This work light is ideal for craftsmen, technicians or outdoor enthusiasts who need a reliable and versatile light source.

ADVANTAGES

> Robust housing
> 180° swivelling
> Rechargeable via USB-C
> Power bank function
(for charging external devices)

SPECIFICATIONS

	Testboy Light 400
Light source	LED
Adjustable brightness	25 %, 50 %, 75 %, 100 %
Adjustable colour temperature	Warm, cold and neutral
Flashing warning light function	Continuous red light and flashing light
Luminous flux	2000 lumen
Suspension/mounting	Holding magnet, tripod and carabiner fastening
Lighting duration	4 hours
Power bank function	Yes
Dimensions	110 x 45 x 110 mm
Weight	402 g
Charge level indicator	Yes
Rechargeable	Yes, via USB-C
Scope of delivery	USB-C cable
Item number	**62309000**
EAN-code	**4028532004002**



TESTBOY

Mini Work Light





Testboy Mini Worklight in pocket size. The USB-C charging socket enables quick and easy charging and a battery level indicator provides information about the current charge status. The scope of delivery includes a USB-C charging cable and a tripod so that the light can be used hands-free. This compact and robust work light is ideal for a wide range of applications, from outdoor activities to emergency situations.

ADVANTAGES

> Rechargeable via USB-C
> Robust housing
> Incl. bit set, spanner function, bottle ejector and emergency mandrel

SPECIFICATIONS

	Testboy Mini Worklight
Light source	LED
Adjustable brightness	50 % and 100 %
Adjustable colour temperature	Warm and cold
Flashing warning light function	Continuous red light and flashing light
Luminous flux	542 lumen
Suspension/mounting	Tripod and carabiner attachment
Lighting duration	1 hour
Dimensions	83 x 45 x 33 mm
Weight	48 g
Charge level indicator	Yes
Rechargeable	Yes, via USB-C
Scope of delivery	USB-C cable, tripod
Item number	**96613000**
EAN-code	**4028532000905**

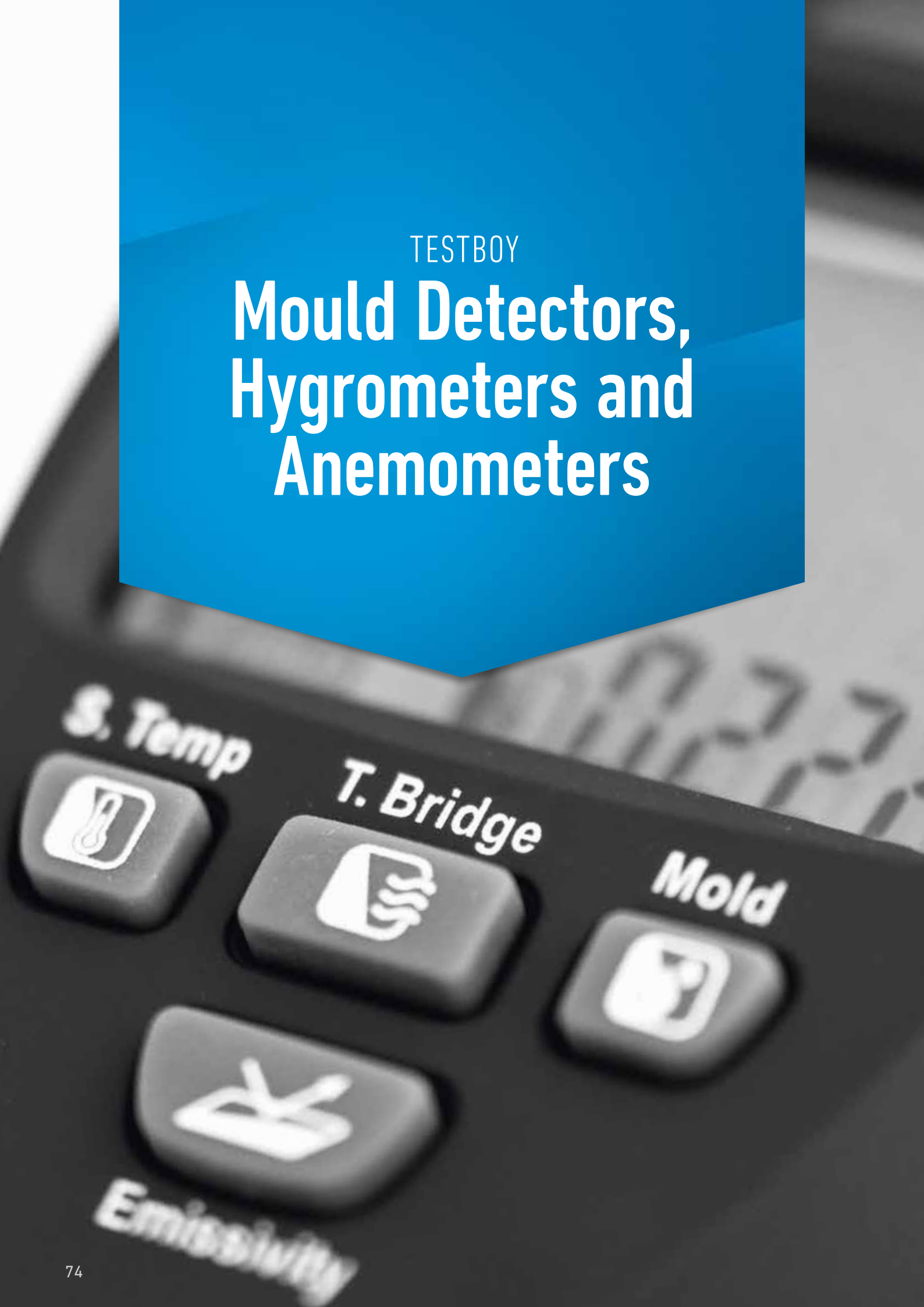


TYP-C

LED

TESTBOY

Mould Detectors, Hygrometers and Anemometers



TESTBOY TV 328
Dew Point Detector (Mould Detector)



The Testboy TV 328 dew point detector finds areas at risk of mould as well as hidden and invisible thermal bridges. It therefore helps to prevent mould growth. The measuring range extends from -20 °C to +350 °C with infrared and from -10 °C to +40 °C with ambient sensor. Thanks to an extensive performance spectrum including measuring optics of 12:1, switchable laser ring, relative humidity measurement, switchable display illumination and selectable emissivity, the Testboy TV 328 is the ideal companion for mobile use.

ADVANTAGES

> Dew point display
> Relative humidity measurement
> Laser ring
> Adjustable emissivity
> Averaging

SPECIFICATIONS

	Testboy TV 328
Display	LCD with backlight and LED (traffic light colours)
Measuring optics (D:S)	12:1
Detector	Thermopile
Measuring range via infrared	-20 – 350 °C, 4 – 662 °F
Measuring accuracy via infrared	10 – 30 °C ±1 % or 1 °C
	-10 – 90 °C ±3 % or 3 °C
	90 – 350 °C ±5 % or 5 °C
Measuring range via ambient sensor	-10 – 40 °C, 14 – 140 °F
Humidity measuring range	10 – 90 % RH
Measuring accuracy humidity	10 – 30 °C ±1 % or 1 °C
	-10 – 90 °C ±3 % or 3 °C
	90 – 350 °C ±5 % or 5 °C
Further functions	Dew point display
Laser ring	Switchable
Laser class	II, 650 nm, <1 mW
Resolution	0.1 °
Response time	< 0.5 s
Emissivity	0.95 preset, adjustable 0.75 / 0.85 / 0.95
Averaging	Yes
Data-Hold	Yes
Auto-Power-Off	Yes, after 25 s
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	210 x 150 x 60 mm
Weight	270 g
Power supply	1 x 9 V block, 6LR61
Scope of delivery	Carrying bag
Item number	**62401000**
EAN-code	**4028532203283**





TESTBOY TV 341
Moisture Analyser



The Testboy TV 341 is a handy tool for measuring the moisture content in building materials. The precise testing device has integrated slim measuring tips that allow numerous materials to be tested, for example sawn timber, plywood, chipboard, veneer, plasterboard or plaster. In addition, the ambient temperature can also be determined. The measuring tips are protected by a practical cap for safe transport. For measuring larger areas or quantities, the device has a min/max value memory, and for measuring in hard-to-reach places, a hold function that stores a measured value on the display at the touch of a button.

ADVANTAGES

> No separate test leads or tips required
> Auto-Power-Off
> Various materials adjustable

SPECIFICATIONS

	Testboy TV 341
Display	LCD with backlight
Measuring range	0 – 55 %
Measuring accuracy	± 2 %
Resolution	0.1 %
Materials	Sawn timber, plywood, chipboard, veneer, plasterboard, plaster
Min/max value memory	Yes
Data-Hold	Yes
Auto-Power-Off	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	143 x 55 x 28 mm
Weight	172 g
Power supply	3 x AAA, LR03, 1.5 V
Scope of delivery	Carrying bag
Item number	**62501000**
EAN-code	**4028532203412**



TESTBOY TV 350
Digital Vane Anemometer (Wind Gauge)



The Testboy TV 350 digital impeller anemometer is the ideal assistant in heating, ventilation and air conditioning systems. In addition to wind speeds from 0.8 to 30.0 m/s, it can measure relative humidity from 20 to 90%, air temperature from -20 to +60 °C, air flow from 0 to 9999 m^3/sec, dew point temperature and air volume. The measured values can be recorded via the integrated USB interface and the supplied software. Naturally, the display can be set to internationally used units of measurement such as metres, kilometres, feet, miles and knots.

ADVANTAGES

> Illuminated LCD
> Min/max value memory
> USB interface for analysing the data on a PC (Windows)

SPECIFICATIONS

	Testboy TV 350	Accuracy
Display	LCD with backlight	
Wind speed measurement	0.8 – 30.0 m/s	±2.0 %, ±50 Digits
	1.4 – 108.0 km/h	
	0.9 – 67.0 mil/h	
	80 – 5900 ft/min	
	1.3 – 98.5 ft/s	
	0.8 – 58 kn	
Air temperature measurement	-20 – 60 °C	±1.5 °C
	-4 – 140 °F	±2.7 °F
Temperature units	°C and °F	
Relative humidity measurement	20 – 90 % RH	±3.0 % at 25 °C
Air flow measurement	0 – 9999 m^3/s (CMS)	
	0 – 99990 m^3/min (CMM)	
	0 – 99990 ft^3/min (CFM)	
Min/max value memory	Yes	
Further functions	Ambient, dew point, wet bulb temperature	
Dew point temperature display	Yes	
Interface	USB	
Data-Hold	Yes	
Auto-Power-Off	Yes	
Standard	IEC/EN 61010-1 (DIN VDE 0411)	
Dimensions	170 x 85 x 40 mm	
Weight	230 g	
Power supply	1x 9 V block, 6LR61	
Scope of delivery	Carrying bag, USB cable and CD	
Item number	**62601000**	
EAN-code	**4028532203504**	







TESTBOY

Vehicle Measuring Instruments

TESTBOY 55
Brake Fluid Tester DOT 3, DOT 4, DOT 5.1



The Testboy 55 is a practical test pen for DOT 3, DOT 4 and DOT 5.1 brake fluids. Three LEDs clearly indicate the water content in glycol-based brake fluids. Brake fluid is hygroscopic, meaning it absorbs water from the air (humidity). This makes the Testboy 55 equally suitable for use in car, truck and motorcycle workshops. The United States Department of Transportation (DOT) describes the minimum requirements for glycol-based brake fluids in standard number 116. (DOT 3, DOT 4, DOT 5.1)

ADVANTAGES

> Inspection of brake fluids DOT 3, DOT 4, DOT 5.1
> Measuring point lighting
> Long service life due to acid and alkali resistance

SPECIFICATIONS

	Testboy 55
Display	Optical, 5 LEDs
Liquid type	DOT 3, DOT 4 and DOT 5.1
Test centre lighting	Yes
Auto-Power-Off	Yes
Protection class	IP 40
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	151 x 20 x 25 mm
Weight	35 g
Power supply	2 x AAA, LR03, 1.5 V
Item number	**62702000**
EAN-code	**4028532200558**





LED

TESTBOY 65

Automotive Multimeter with Temperature Measurment



The Testboy 65 is particularly well suited for use in the automotive and workshop sectors. In addition to standard multimeter functions, it enables easy measurement of speed, closing angle, duty cycle and temperatures from -40 to 1000 °C. Due to its comparatively low purchase price and wide range of applications, the multimeter is also very popular with electronics hobbyists and DIY enthusiasts. It is extremely robust and impresses in everyday use with its simple operation.

SPECIFICATIONS

	Testboy 65	Accuracy
Display	LCD with backlight	
Measuring range selection	Manual	
AC voltage	50 V	±1.2 %, ±5 Digits
DC voltage	200 mV, 2 V, 20 V, 120 V	±1.2 %, ±5 Digits
DC current	20 mA, 200 mA	±1.8 %, ±3 Digits
	20 A	±3.0 %, ±5 Digits
Frequency measuring range	0 – 200 kHz	±2.0 %, ±5 Digits
Resistance measuring range	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ	±1.0 %, ±5 Digits
	2 MΩ	±1.0 %, ±5 Digits
	200 MΩ	±5.0 %, ±5 Digits
Continuity test	Yes, up to 45 Ω	
Diode test	Yes	
Duty cycle in %	0 – 100 %	±3.0 %, ±5 Digits
Temperature (with suitable sensors)	-40 – 0 °C	±2.0 %, ±8 Digits
	0 – 400 °C	±2.0 %, ±3 Digits
	400 – 1000 °C	±1.0 %, ±3 Digits
Speed measurement	500 – 10000 min^{-1}	±3.0 %, ±5 Digits
Closing angle measurement	0 – 120 °	±3.0 %, ±5 Digits
Maximum input voltage	120 V DC / 50 V AC	
AC voltage bandwidth	40 – 400 Hz	
Input impedance	10 MΩ (DCV), 4.5 MΩ (ACV)	
Data-Hold	Yes	
Auto-Power-Off	Yes, after 15 minutes	
Standard	IEC/EN 61010-1 (DIN VDE 0411); EN 61010-2-030; EN 61010-2-031; EN 61010-2-033	
Dimensions	180 x 85 x 50 mm	
Weight	335 g	
Fuses	200 mA (self-resetting)	
	10 A / 1000 V (fast)	
Power supply	1 x 9 V block, 6LR61	
Scope of delivery	Carrying bag, measuring leads and K-type sensor (0 – 200 °C)	
Item number	**62704000**	
EAN-code	**4028532200657**	

ADVANTAGES

> Speed measurement
> Closing angle measurement (ignition timing)
> Duty cycle measurement
> LCD with automatic backlighting
> Data-Hold function





TESTBOY 73

Coating Thickness Gauge with Combination Probe



With a combination probe, the Testboy 73 coating thickness gauge reliably measures all insulating layers on magnetic and non-magnetic metallic substrates. Switching between modes is automatic. The test can be verified using the test foils supplied. The integrated measurement memory stores the last 20 measurements. The switchable orientation of the display allows measurements to be taken even under difficult conditions.

ADVANTAGES

> Combination probe for magnetic and nonmagnetic metallic substrates
> Measured value memory
> Switchable display orientation

SPECIFICATIONS

	Testboy 73
Display	Colour display
Measurement	Only on metallic carriers
Measuring range	0 – 2000 µm / ± 2 µm, ±3 % 0 – 80 mil / ± 0.1 mil, ±3 %
Measuring units	µm and mil
Smallest measuring surface	Ø 7 mm
Smallest radius of curvature (convex)	Fe: 1.5 mm NFe: 3 mm
Smallest thickness of the carrier material	Fe: 0.7 mm NFe: 0.7 mm
Measured value memory	20 Values
Measured value verification	Yes, with the help of the supplied discs
Auto-Power-Off	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	100 x 52 x 28 mm
Weight	80 g
Power supply	2 x AAA, LR03, 1.5 V
Scope of delivery	Standby kotter and test equipment
Item number	**62712000**
EAN-code	**4028532730000**



TESTBOY 74

Coating Thickness Tester with LED Display



With its clear LED display, the Testboy 74 coating thickness tester helps quickly and easily check all non-magnetic coatings such as paint, enamel, chrome, copper, zinc etc. on steel or iron. It is particularly suitable for checking vehicles for previous accident damage in vehicle workshops as well as by private used car buyers.

ADVANTAGES

> Clear LED display
> Fast, uncomplicated checks

SPECIFICATIONS

	Testboy 74
Display	Optical, 3 LEDs
Measuring range	0 – 400 µm / ± 15 %
Smallest measuring surface	Ø 7 mm
Smallest radius of curvature (convex)	Fe: 1.5 mm
Auto-Power-Off	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	160 x 30 x 25 mm
Weight	40 g
Power supply	1 x E23A, 12 V, 8LR23
Item number	**62708000**
EAN-code	**4028532740009**





TESTBOY CAR TESTER
Voltage Tester



The Testboy Car Tester is ideal for troubleshooting in motor vehicles and commercial vehicles as well as in all other areas with 3 to 48 V DC voltage. Four LEDs indicate the voltage and polarity. The integrated piercing unit facilitates testing on cables. With the crocodile clip, you have no problem with the ground connection.

ADVANTAGES

> Polarity indicator
> Integrated piercing unitit

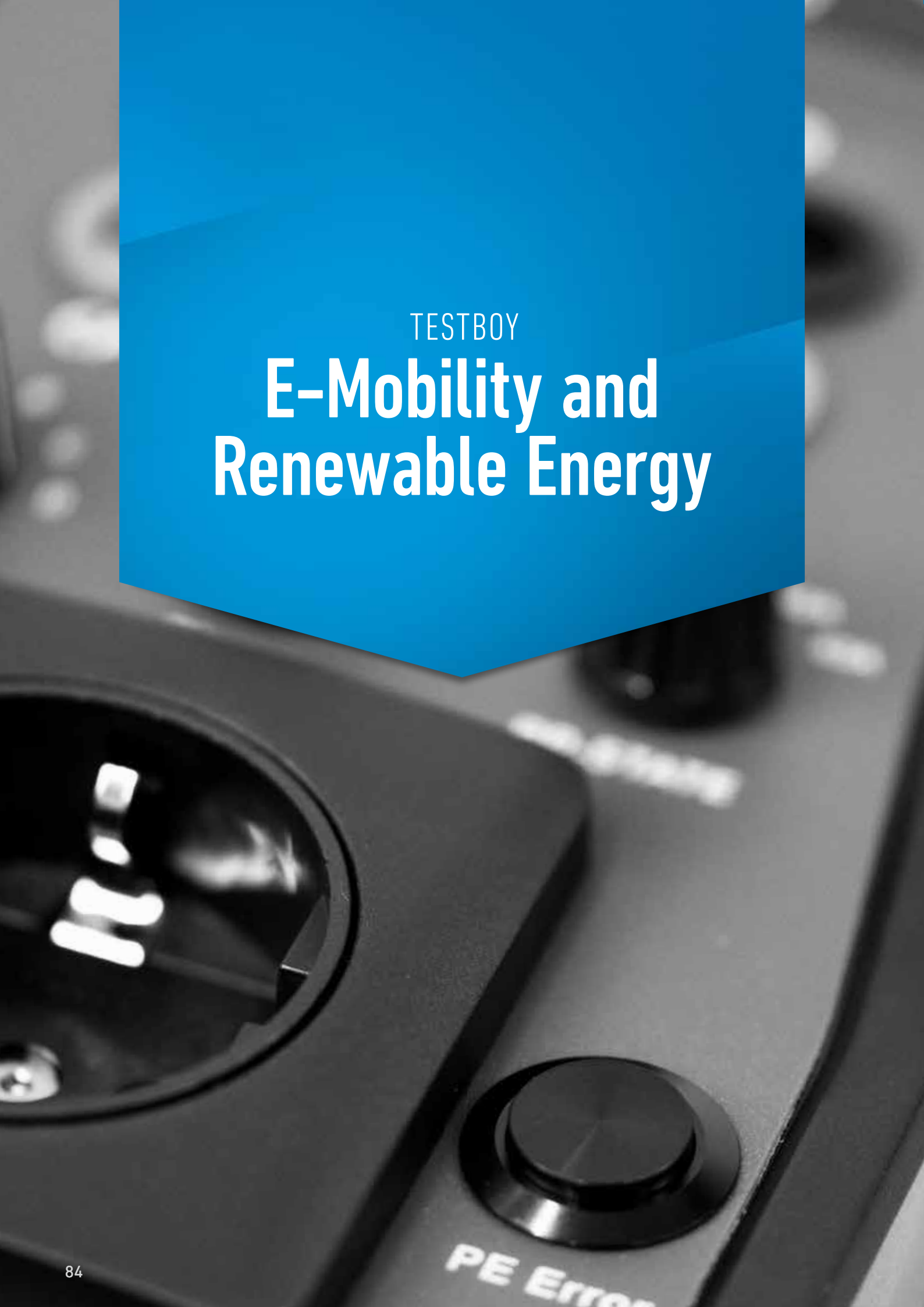
SPECIFICATIONS

	Testboy Car Tester
Display	Optisch, 4 LEDs
Voltage measurement	3 – 48 V DC
Polarity indicator	Yes, (+ / - via LED)
Grooving device	Yes
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	170 x 25 x 20 mm
Weight	70 g
Power supply	About the test object
Item number	**62710000**
EAN-code	**4028532500009**





3-48 V DC



TESTBOY

E-Mobility and Renewable Energy

TESTBOY TV 900
Charging Point Test Adapter



More and more charging points for electric cars are being installed across Europe. Testboy has developed the test adapter TV 900 to test the type 2 charging points standardised in Europe. The device communicates with of the charging station and simulates an electric vehicle. An installation tester or a multimeter can be connected via the 4 mm banana sockets. This enables testing with a VDE 0100 tester, such as with our Testboy TV 455. The built-in LEDs indicate whether and how many phases are present. One of the three phases can be connected to the built-in earthed socket at. This allows each phase to be tested individually.

ADVANTAGES

> Suitable for wallboxes with and without cable
> Connection option for installation tester or multimeter
> Direct checking of the phases via LED display
> Built-in Schuko socket outlet with phase changeover

SPECIFICATIONS

	Testboy TV 900
Display	Optical via LEDs
Input voltage	230 V / 400 V (1-phase / 3-phase)
Operating frequency	50 / 60 Hz
Proximity Pilot (PP)	Yes
Simulation of the charging cable	NC, 13 A, 20 A, 32 A, 63 A
Control Pilot (CP)	Yes
Simulation of the vehicle	A (not connected)
	B (connected and ready to charge)
	C (connected and charging)
	D (connected and charging with ventilation)
Simulation CP error	E (communication error)
Simulation PE error	Protective conductor interrupted
Phase display	Yes, via LED L1/L2/L3
Wallbox type	With and without cable
Connector plug	Type 2
Banana sockets	4 mm connections for 3-phase test devices (installation tester), multimeter
Schuko socket outlet	For testing with Schuko test cable
BNC socket	To use an oscilloscope
Overvoltage category	CAT III 400 V
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	275 x 120 x 60 mm
Weight	1000 g
Power supply	About the test object
Scope of delivery	Carrying bag
Item number	**61911000**
EAN-code	**4028532209001**



TESTBOY TV 910
Charging Point Test Adapter



The Testboy TV 910 is a special test adapter for charging stations, especially for electric vehicles (EV). It enables electricians and technicians to carry out safety tests and functional tests on charging stations. (EVSE - Electric Vehicle Supply Equipment). This adapter simulates an electric vehicle during the test, that the charging station works correctly and safely before it is used by a real vehicle. This device is essential for anyone involved in the installation, maintenance or inspection of e-charging stations to ensure they meet the required safety and operational standards.

ADVANTAGES

> Suitable for wallboxes with and without cable
> Connection option for installation tester or multimeter
> Direct checking of the phases via LED display
> Built-in Schuko socket outlet with phase changeover

SPECIFICATIONS

	Testboy TV 910
Display	Optical via LEDs
Input voltage	230 V / 400 V (1-phase / 3-phase)
Operating frequency	50 / 60 Hz
Proximity Pilot (PP)	Yes
Simulation of the charging cable	NC, 13 A, 20 A, 32 A, 63 A
Control Pilot (CP)	Yes
Simulation of the vehicle	A (not connected)
	B (connected and ready to charge)
	C (connected and charging)
	D (connected and charging with ventilation)
Simulation CP error	E (communication error)
Simulation PE error	Protective conductor interrupted
Phase display	Yes, via LED L1/L2/L3
Wallbox type	With and without cable
Connector plug	Type 2
Banana sockets	4 mm connections for 3-phase test devices (installation tester), multimeter
Schuko socket outlet	For testing with Schuko test cable
Overvoltage category	CAT III 400 V
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	275 x 120 x 60 mm
Weight	1000 g
Power supply	About the test object
Scope of delivery	Carrying bag
Item number	**61936000**
EAN-code	**4028532209100**



TESTBOY TV 950
Wallbox Tester



The Testboy TV 950 is an EVSE charging station tester that checks the most important functions of the charging station in no time at all to ensure safe charging. This quick tester simulates a vehicle ready for charging, checks the plug lock and also indicates the phases present via an LED display

ADVANTAGES

> Checking the functionality of TYPE 2 charging stations/wallboxes
> Power supply via TYPE-2 socket
> Phase display via 3 LEDs
> Simulation of vehicle states A, B & C
> Can be used on all standard wallboxes with and without a permanently connected cable

OPERATION

Press the lock button and plug in the TV 950 -> release the button, the device locks. Press the charge button -> the wallbox switches , the phase indicator lights up. Wallbox is fully checked for function. The lock button to remove the device from the wallbox.

SPECIFICATIONS

	Testboy TV 950
Display	3 LEDs for phase display (L1, L2, L3)
Simulation of the vehicles	A, B, C
Power supply	Type 2 charging pole, mains voltage
Dimensions	165 x 58 x 51 mm
Weight	330 g
Item number	**61609000**
EAN-code	**4028532209506**



TESTBOY TV 510
Solar Panel Tester Photovoltaics



This solar panel multimeter can test the maximum power point and the open circuit voltage. The Testboy TV 510 is a precision instrument for testing solar panels and measuring the delivered power output. It offers multiple protection against overvoltage, overtemperature, overcurrent and overrated power. With these functions, individual panels can be checked quickly and easily before they are installed on the roof.

ADVANTAGES

> Multiple protection
> Automatic MPPT detection
> Open circuit voltage display (open circuit)
> Power supply via solar panel and battery
> OLED display, can also be used in bright sunlight

SPECIFICATIONS

	Testboy TV 510
Display	OLED display
Open circuit voltage	12 – 60 V
MPPT voltage	12 – 60 V
MPPT current	0 – 30 A
Umax	60 V DC
Imax	30 A DC
Pmax	800 W
Scope of delivery	Batteries (3 x 1.5 V AAA), bag and MC4 unlocking tool
Item number	**63101000**
EAN-code	**4028532205102**



TESTBOY TV 5300
4-Channel Thermometer



Testboy GmbH has the TV 5300, a handy four-channel temperature measuring device for heating installations. A very easy-to-read and large, backlit LC display shows a temperature range from -200 °C to 1372 °C. It supports measurements in Celsius, Kelvin and Fahrenheit. It supports measurements in Celsius, Kelvin and Fahrenheit and the data as minimum/maximum and average. The TV 5300 has four connection options for K-type sensors to the flow and return of heating pipes. Testboy supplies two K-Type probes and two pipe contact probes in the robust hard-shell case.

ADVANTAGES

> Measure 4 channels simultaneously
> Flow and return temperature at a glance
> Simple operability

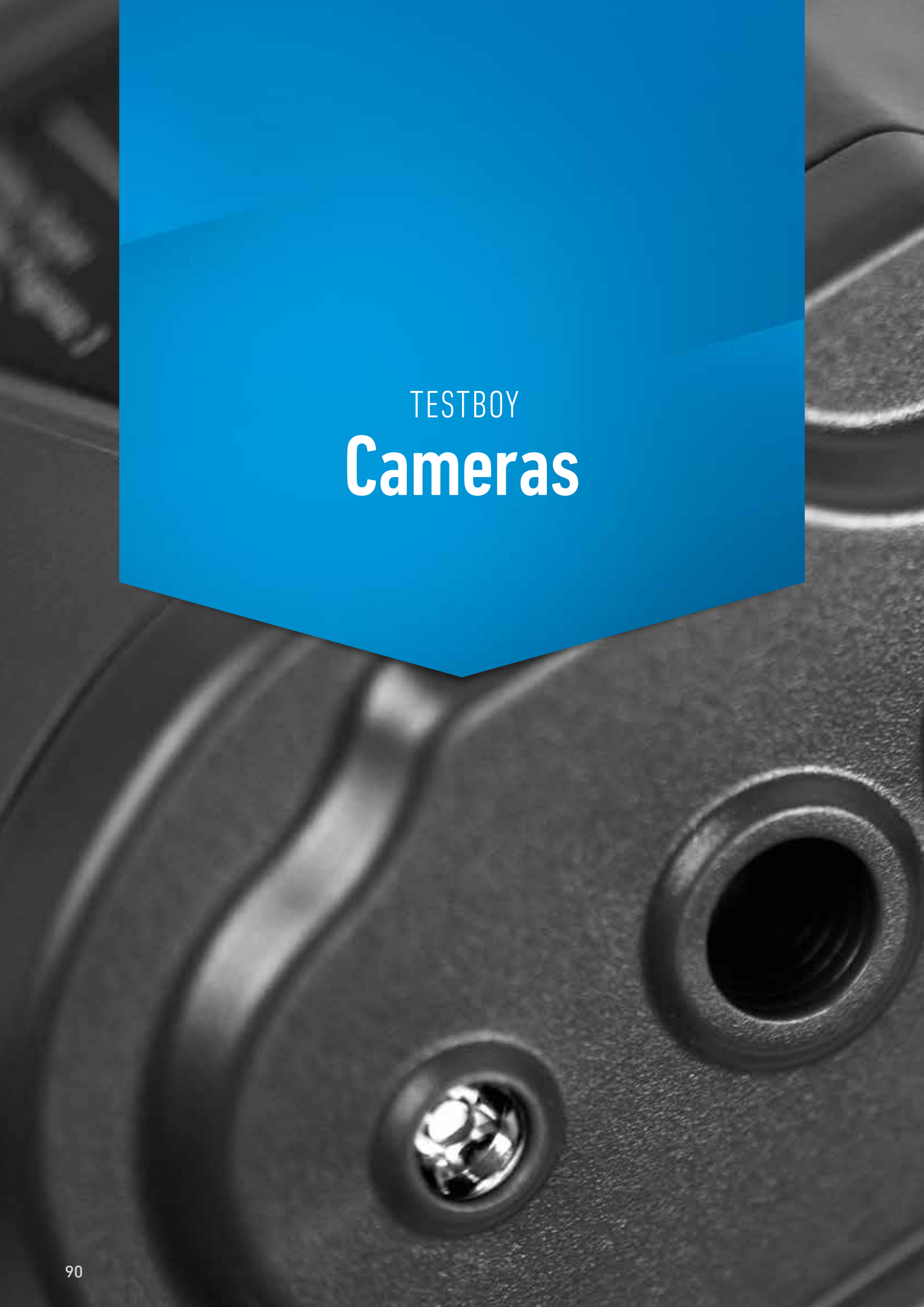
SPECIFICATIONS

	Testboy TV 5300
Display	LCD with backlight
Measuring range	-200 – 1372 °C -328 – 2501 °F
Accuracy	>100 °C ± 1 °C (±1 °F) <100 °C ± 2 °C (±3.6 °F)
Resolution	>1000 °C 1 °C/°F/K <1000 °C 0.1 °C/°F/K
Connection option	4 x K-type
Data-Hold	Yes
Min/Max	Yes
Temperature unit	Switchable °C/°F/K
Auto-Power-Off	Yes, in 10 minutes
Dimensions	200 x 85 x 38 mm
Weight	275 g
Power supply	1 x 9 V block
Scope of delivery	2 K-type sensors, 2 pipe contact sensors, hard shell ballast
Item number	**62006000**
EAN-code	**4028532253004**



LED

AVG



TESTBOY

Cameras

TESTBOY TV 280

Mobile Endoscopy Camera with LCD Screen



The mobile endoscopy camera TV 280 has a 4.3" LCD monitor with control buttons and a two metre long flexible cable that retains its shape. This makes it ideal for exploring hard-to-reach areas – thanks to adjustable brightness and a flexible cable that retains its shape. LED lighting even in poor lighting conditions. Wet environments no problem for the TV 280, as it is protected against moisture.

ADVANTAGES

> Mobile endoscopy camera with up to 5 hours operating time
> 4.3" LCD for real-time view
> HD recordings of photos and videos of the examination possible
> Integrated LED lighting with adjustable brightness levels
> LED torch
> Suitable for automotive workshopsinstallation, industrial and domestic use

SPECIFICATIONS

	Testboy TV 280
Display	Colour LCD 4.3"
Camera resolution	Adjustable to 640 x 480, 1280 x 720 and 1920 x 1080 pixels
Camera diameter	6 mm
Focal length	4 – 500 cm
Field of view (FOV)	70°
Further settings	Camera resolution, language, brightness, rotation, date, time
Storage medium	MicroSD card
Data format	JPG for images and MP4 for videos
Operating time	Up to 5 hours
Cable length	2 m (5 m optionally available)
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	175 x 120 x 30 mm
Weight	250 g
Power supply	1 x integrated Li-ion battery, 3.7 V, 2000 mAh
Scope of delivery	Carrying bag and charging cable, hook, holding magnet, mirror attachment
Item number	**62901000**
EAN-code	**4028532102807**



SD card

LED

TESTBOY TV 293
IR Thermal Imaging Camera



The TV 293 infrared thermal imaging camera is handy and easy to use. Thanks to its numerous professional functions, it does not have to hide behind the large thermal imaging cameras and particularly versatile. The TV 293 has an adjustable emissivity, five colour palettes and 9 Hz technology. A digital camera with 300,000 pixels for the image overlay of thermal image and real image on a large LCD round the range of functions of this smart device.

SPECIFICATIONS

	Testboy TV 293
Display	Colour LCD 3.2"
CCD camera	640 x 480 px (300.000 pixels))
IR camera resolution	220 x 160 pixels)
Temperature range	-20 – 300 °C / -4 – 572 °F
Accuracy	±2 °C or ±2 % (the higher value applies)
Temperature resolution	(NETD) 0.07 °C
Field of view (FOV | Minimum focus distance	27° x 35° | 0.15 m fixed
Sensor data acquisition	9 Hz
Spectral range	8 – 14 µm
Emission correction	Variable from 0.1 to 1.0 (in 0.01 steps)
Colour palettes	5: Iron red, rainbow, cold blue, greyscale (white hot), greyscale (black hot)
Image display	Cross-fading of the visual image with the Infrared image, can be set in 25 % increments between full infrared image and purely visual display
Further settings	Date, time, temperature unit, hot/cold spot
Temperature units	°C and °F
Storage medium	Integrated flash memory (3 GB) with micro USB interface
Data format	JPG
Auto-Power-Off	Can be set to 5 or 20 min or Off
Standard	IEC/EN 61010-1 (DIN VDE 0411)
Dimensions	140 x 80 x 28 mm
Weight	210 g
Power supply	1 x integrated Li-Polymer battery, 3.7 V, 2000 mAh
Scope of delivery	Carrying bag, carrying strap, Micro USB cable and charger
Item number	**62808000**
EAN-code	**4028532102937**

ADVANTAGES

> Digital camera with image overlay
> Integrated colour display
> Easy to use
> Universally applicable, robust and reliable
> Integrated flash memory with micro USB interface



LED

USB

TESTBOY TV 296

Thermal Imaging Camera with Bluetooth / WiFii



The characteristics of a mobile phone – handy, easy to use and compact – also apply to the new Testboy TV 296 infrared thermal imaging camera. remarkable performance. With a true resolution of 256 x192 pixels (=49,152), an 8 megapixel visual camera and 25 Hz sensor data acquisition, the thermal imaging camera can outshine many other thermal imaging cameras on the market. The other characteristic features that can be demonstrated are the variably adjustable emissivity, 8 colour palettes, USB interface and the 3.5'' touch colour LC display. The thermal imaging camera also communicates wirelessly via Bluetooth and WiFi.

SPECIFICATIONS

	Testboy TV 296
Display	Touch colour LCD 3.5'' 640 x 480 pixels
IR camera resolution	256 x 192 pixels
CCD camera	3264 x 2448 (8 MP)
Temperature range	-20 – 400 °C / -4 – 752 °F
Accuracy	±2 °C or ±2 % (the higher value applies)
Temperature range (NETD)	< 40 mK (at 25 °C)
Field of view (FOV | Minimum focus distance	50° x 37.2° | 0.3 m
Sensor data acquisition	25 Hz
Spectral range	7.5 – 14 µm
Emission correction	Variable from 0.01 to 1.0 (in 0.01 steps)
Colour palettes	8: White Hot, Black Hot, Rainbow, Irombow, Red Hot, Fusion, Rain, Blue Red
Image display	Blending of the visual image with the infrared image, can be set in 25 % increments between full infrared image and purely visual display.
Tripod mount	Yes
Further settings	Date, time, temperature unit, hot/cold spot
Temperature units	°C and °F
Storage medium	Integrated flash memory (16 GB) with USB-C interface
Data format	JPG, MP4
Auto-Power-Off	Adjustable to 10/20/30/40/50/60 min or off
WiFi	802.11b/g/n (2.4 GHz and 5 GHz)
Bluetooth	BT 4.2
Protection class	IP54
Working temperature	-10 – 50 °C / 14 – 122 °F
Storage temperature	-20 – 60 °C / -4 – 140 °F
Relative humidity	< 95 % non-condensing
Dimensions	138.5 x 85.2 x 23.6 mm
Weight	218 g
Power supply	1 x integrated Li-Polimer battery, 3.85 V, 2100 mAh
Scope of delivery	Carrying bag, carrying strap, USB cable and charger
Item number	**62811000**
EAN-code	**4028532102968**

ADVANTAGES

> With Bluetooth / WiFi function
> Real-time transmission to the mobile phone
> Integrated flash memory with 16 GB
> Touch colour LC display
> Small, handy and compact





TESTBOY TV 297 SMART
Mobile Thermal Imaging Camera iOS and Android



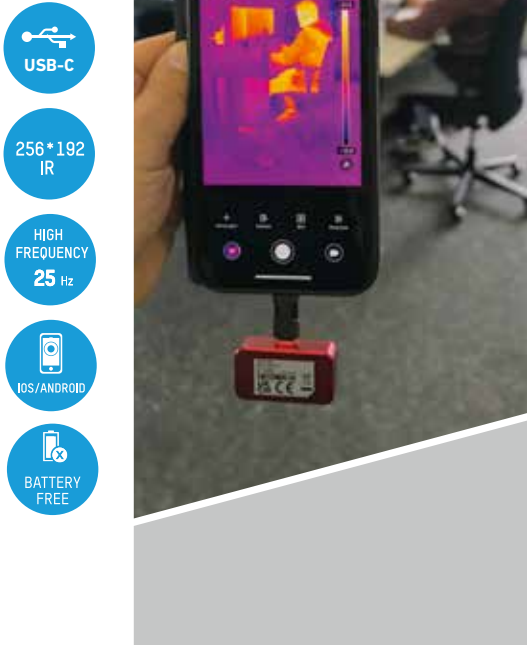
The Testboy TV 297 Smart is a compact infrared camera designed for use with Android and iOS devices via a USB-C connection. Simply connect the thermal imaging camera to your smartphone or tablet via Plug & Play and the camera is ready to use! Its compatibility with Android and iOS devices increases its usefulness in various areas and ensures that detailed thermal analyses can be carried out efficiently even when you are on the move. The auto-rotate function automatically synchronises the screen with the direction of the shot. The manual 90° rotation and extension cable allows you to inspect flexibly in any location. The Testboy TV 297 Smart detects temperature differences of just 0.04°C.

SPECIFICATIONS

	Testboy TV 297 Smart
IR camera resolution	256 x 192 pixels
Temperature range	-20 – 400 °C / -4 – 752 °F
Accuracy	±2 °C or ±2 % (the higher value applies)
Temperature resolution (NETD)	< 40 mK (at 25 °C)
Field of view (FOV)	50° x 37.2°
Minimum focus distance	0.2 m
Sensor data acquisition	25 Hz
Spectral range	7.5 – 14 µm
Emissivity correction	Variable from 0.01 to 1.0 (in 0.01 steps)
Colour palettes	White Hot, Black Hot, Rainbow, Ironbow, Sepia, Color 1 and 2, Ice Fire, Rain, Red Hot, Green Hot, Dark Blue, Combine, Fusion and Fusion 1
Further settings	Distance, temperature range, temperature unit, centre spot, hot spot, cold spot
Data formats	JPG, MP4
Temperature unit	°C and °F
USB-C connection	iOS and Android
Working temperature	-10 – 50 °C / 14 – 122 °F
Storage temperature	-20 – 60 °C / -4 – 140 °F
Relative humidity	< 95 % non-condensing
Power supply	Via the connected mobile device (mobile phone)
Dimensions	42 x 12 x 23 mm
Weight	20 g
Scope of delivery	Carrying bag, USB extension cable and Lightning Adapter
Item number	**62812000**
EAN-code	**4028532102975**

ADVANTAGES

> Direct connection to the smartphone via USB-C
> Enables simple data transfer and immediate analysis on the mobile phone
> Multiple colour palettes and settings allow for customisable and detailed thermal imaging
> Lightweight and compact
> Many areas of application, such as: electrical inspection, analysis of mechanical and HVAC systems, building diagnostics, preventive maintenance, research and development
> Direct sending of images and videos e.g. via WhatsApp



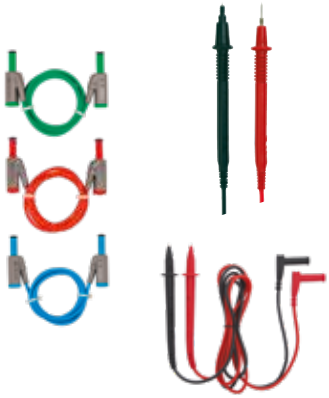


TESTBOY

Accessories



Bags, Cases, Suitcases	Item number	EAN-code
Carrying Bag Testboy 1, 2, 20 Plus	96205000	4028532900281
Carrying Bag Testboy TV 410 N	96203000	4028532900106
Carrying Bag Testboy 2200	96203000	4028532900106
Carrying Bag Testboy Profis III LCD/LED/DUO	96207000	4028532900021
Carrying Bag Testboy 313	96202000	4028532900137
Carrying Bag Testboy Pocket 100	96214000	4028532900175
Carrying Bag for Non-Contact Voltage Testers	96215000	4028532111007
Carrying Bag Testboy 26, 30, TV 217	96218000	4028532900298
Carrying Bag Testboy TV 455, TV 465, TV 470	96210000	4028532900144
Carrying Bag Testboy TV 456	96219000	4028532231309
Carrying Bag Testboy TV 230	96221000	4028532210427
Carrying Strap TV 456 (Device)	97361000	4028532231293
Loop TV 456 (Bag)	97362000	4028532231316
Carrying Bag Testboy TV 325, TVS 2 K	96209000	4028532900120
Hardcase TV 293, TV 296	96217000	4028532900311
Suitcases Large Appliances	97308000	4028532230128



Test Leads	Item number	EAN-code
Test Leads TV 410 N	96305000	4028532110055
Test Leads TV 230	96306000	4028532210359
Test Leads CAT III	96301000	4028532110048
Test Leads CAT IV	96302000	4028532110031
Test Leads Green for TV 456	96307000	4028532231248
Test Leads Red for TV 456	96308000	4028532231231
Test Leads Blue for TV 456	96309000	4028532231255



Probes	Item number	EAN-code
Standard Probe	96507000	4028532910143
Immersions Probe, TP-K02	96501000	4028532910020
Surface Probe Straight, TP-K03	96502000	4028532910037
Insertion Probe, TP-K04	96504000	4028532910051
Surface Probe Straight, TP-K05	96503000	4028532910044
Room Probe, TP-K06	96505000	4028532910068
Clamp Probe, TP-K07 (for TV 5300)	96510000	4028532910075
Thermo Probe K-Type 0-180 °C	96506000	4028532910150
Thermo Probe Black/Red	96509000	4028532210328



Adapter	Item number	EAN-code
K-Probe Adapter for Testboy 313 and Testboy 65	96702000	4028532910136
Adapter Set for Testboy 26 and Testboy 27	96701000	4028532210144
Test Adapter Schuko for TV 456	96733000	4028532231323
EVSE Adapter for TV 456	96731000	4028532209551



Test Probe	Item number	EAN-code
Test Probe Set (Screwable) GS38 for Testboy Profis	97316000	4028532210298
Test Probe Set (screwable) for TV 230 and Profi III DUO	97354000	4028532210403
Test Probe Green for TV 456	97358000	4028532231279
Test Probe Red for TV 456	97359000	4028532231262
Test Probe Blue for TV 456	97360000	4028532231286



Croco Clips	Item number	EAN-code
Croco Clips for Testboy 26 and Testboy 27	97325000	4028532210076
Croco Clip Green for TV 456	97355000	4028532231217
Croco Clip Red for TV 457	97356000	4028532231200
Croco Clip Blue for TV 458	97357000	4028532231224
Standard Croco Clip	97324000	4028532210311



Fuses	Item number	EAN-code
Fuse TB 312 - 0,63 A / 1000V	97204000	4028532920067
Fuse TB 312, TB 317, TB 315, TB 316, TB 4000 - 10 A / 1000 V	97203000	4028532920074
Fuse TB 318	97207000	4028532920081
Fuse TB 2200 - 200 mA / 500 V	97206000	4028532920036
Fuse TB 2200 - 4A / 500 V	97205000	4028532920043
Fuse TB 3000 - 250 mA / 690 V	97202000	4028532920012
Fuse TB 3000 und TB 313 - 10 A / 690 V	97201000	4028532920029
Fuse TB 65 - 20 A / 250 V	97201202	4028532920050



Other Accessories	Item number	EAN-code
Barcode Scanner for TV 456	96716000	4028532254650
Barcode Scanner for TV 470	97337000	4028532200480



Earth Spike for Testboy 27 Digital	97341000	4028532231002



2m Cable for TV 280	97352001	4028532231026
5m Cable for TV 280	97352000	4028532231019
2m Double-Head Cable for TV 280	97366000	4028532910181
5m Double-Head Cable for TV 280	97367000	4028532910198

Probe for Testboy 75	97344000	4028532750015



Tip commander for TV 456	96732000	4028532231330



Standard mains cable for Schuko TV 470	96713000	4028532910013
Mains plug TV 296, TV 293, TB Light 200, TB Light 400	97363000	4028532910112
USB-C cable TV 296, TV 293, TB Light 200, TB Light 400	97365000	4028532910129
Rechargeable battery TV 456	96408000	4028532900168

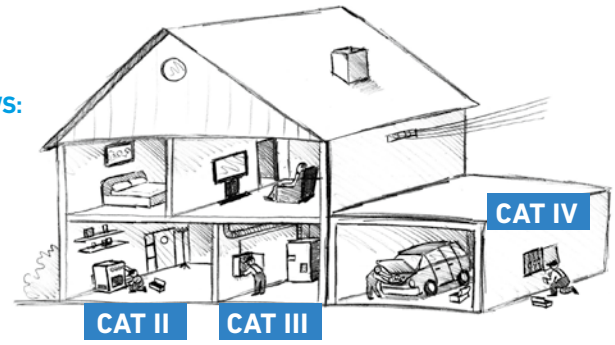
GENERAL AND

Safety Information

Today, measuring and testing instruments are essential tools when performing construction, repair and maintenance work on electronic instruments and installations. Modern test instruments must enable the user to perform safety checks, troubleshooting and function tests quickly, safely and reliably. Internationally valid safety standards for the safety of electrical measuring and control equipment are drawn up and ratified by the IEC (International Electrotechnical Commission). This guarantees that tests are performed in accordance with the same criteria and guidelines all over the world. In order to document that the products of a manufacturer comply with IEC/EN 61010-1, the manufacturer can have these products tested by an accredited testing laboratory check whether they conform to the requirements laid out in the standard. Once a test has been passed, the manufacturer is entitled to attach the corresponding quality certificate to its product. As a safety-conscious and responsible manufacturer, all Testboy products are certified by TÜV-SÜD Produkt Service GmbH.

TESTING AND MEASURING INSTRUMENTS ARE TESTED AS FOLLOWS:

CAT II 600 V > 4000 V Peak surge voltage 12 Ohm source
CAT II 1000 V > 6000 V Peak surge voltage 12 Ohm source
CAT III 600 V > 6000 V Peak surge voltage 2 Ohm source
CAT III 1000 V > 8000 V Peak surge voltage 2 Ohm source
CAT IV 600 V > 8000 V Peak surge voltage 2 Ohm source
CAT IV 1000 V > 12000 V Peak surge voltage 2 Ohm source



Measuring instruments are classed in accordance with 3 different categories that indicate the ranges for which they are approved:

CAT II > Electrical circuits connected directly to the mains
> Sockets and long branch lines
> All sockets more than 10 m away from CAT III
> All sockets more than 20 m away from CAT IV

CAT III > In building installations, e.g. distributors, cabling, sockets
> Short lines
> Distributor boards
> Sockets for large loads with short lines for supplying electrical energy
> Lighting systems for large buildings
> Busbars

CAT IV > At the source of the low voltage installation, e.g. electricity meters, main terminal, primary over current protective devices
> In the open and supply cable feed
> Supply cables from the connection point to the building
> Connection between the measuring instrument and the connection point
> Overhead lines to individual buildings
> Underground cables to water pumps
> Supplies

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