

MEASURING AND TESTING INSTRUMENTS



Illumination of test points

using a white LED



Captive test probe guard



Test probe cover

GS38



Adapter



Compliant

When testing between the outer and protective conductor in an electric circuit, the RCD/FI is not triggered

AC/DC voltage tester up to 690 V with LED and LCD display

- Automatic polarity detection
 - Display: 1 LCD 3 digits, 12 LEDs (+12 V, -12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V)
 - Continuity test with visual and acoustic display
 - Integrated single-pole testing
 - Impact-resistant modern housing
 - Bright LED display
 - Quick single lever testing at earthed contact sockets
 - Test probe protection
 - Single-pole test, continuity test
 - Automatic polarity display
 - TÜV / GS certified
 - Weight: 180 g
- Incl. 2 batteries 1.5 V AAA, LR03
 - Cable length: 1.2 m
 - Overvoltage category CAT III / IV
 - Tested in accord. with EN 61010, EN 61243-3:2010
 - Power consumption < 3.5 mA
 - Continuity test visual and acoustic
 - Protection class: IP 64
 - Measurement category: CAT IV 600 V, CAT III 1000 V
 - Single-pole test > 90 – 690 V AC
 - AC frequency range 40 - 400 Hz
 - Voltage range 12 - 690 V AC/DC
 - Integrated torch
 - ELV, rotating field L/R

240 x 65 x 19

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11 1429



AC/DC voltage tester to 690 V with LED display

- Automatic polarity detection
 - Display: 12 LEDs (+12 V, -12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V)
 - Continuity test with visual and acoustic display
 - Integrated single-pole testing
 - Impact-resistant modern housing
 - Bright LED display
 - Quick single lever testing at earthed contact sockets
 - Test probe protection
 - Single-pole test, continuity test
 - Automatic polarity display
 - TÜV / GS certified
 - Weight: 170 g
- Incl. 2 batteries 1.5 V AAA, LR03
 - Cable length: 1.2 m
 - Overvoltage category CAT III / IV
 - Tested in accord. with EN 61010, EN 61243-3:2010
 - Power consumption < 3.5 mA
 - Continuity test visual and acoustic
 - Protection class: IP 64
 - Measurement category: CAT IV 600 V, CAT III 1000 V
 - Single-pole test > 90 – 690 V AC
 - AC frequency range 40 - 400 Hz
 - Voltage range 12 - 690 V AC/DC
 - Integrated torch
 - ELV, rotating field L/R

240 x 65 x 19

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11 1432



AC/DC voltage tester to 690 V

- Automatic polarity detection
 - Display: 11 LEDs (+12 V, -12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V)
 - Continuity test with visual and acoustic display
 - Integrated single-pole testing
 - Impact-resistant modern housing
 - Bright LED display
 - Quick single lever testing at earthed contact sockets
 - Test probe protection
 - Single-pole test, continuity test
 - Automatic polarity display
 - TÜV / GS certified
 - Weight: 130 g
- Incl. 2 batteries 1.5 V AAA, LR03
 - Cable length: 1.2 m
 - Overvoltage category CAT III / IV
 - Tested in accord. with EN 61010, EN 61243-3:2010
 - Power consumption < 3.5 mA
 - Visual and acoustic continuity/diode test
 - Protection class: IP 64
 - Measurement category: CAT III 600 V, CAT IV 300 V
 - Single-pole test > 100 – 690 V AC
 - AC frequency range 0 - 65 Hz
 - Voltage range 12 - 690 V AC/DC
 - ELV

205 x 67 x 27

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11 1434



AC/DC voltage tester to 690 V

- Automatic polarity detection
- Quick single lever testing at earthed contact sockets
- Test probe protection
- Display: 8 LEDs
(+12 V, -12 V, 24 V, 50 V, 120 V, 230 V, 400 V, 690 V)
- Power consumption < 3.5 mA at 690 V AC L-PE
- Tested in accordance with EN 61243-3:2010, IEC 61010-1
- CE certified
- Weight: 115 g
- Bright LED display
- Impact-resistant, modern housing
- Nominal voltages: 12 - 690 V AC/DC
- Automatic polarity display
- Frequency range: AC 0 - 65 Hz
- Measurement category: CAT III 600 V, CAT IV 300 V
- Protection class: IP 64
- Cable length: 1.2 m
- Works without batteries

205 x 55 x 21

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11 1436



Continuity and circuit tester DUTEST

- With additional torch function (continuous light)
- Two-stage range indicator: 0 - 900 Ω /0 - 90 k Ω
- Visual by means of diode display (LED)
- High-resistance measuring range: 0 - 90 k Ω
- Protection class IP 40
- LED and buzzer
- Low-resistance measuring range: 0 - 900 Ω
- With external voltage protection
- Tested and certified in accordance with VDE 0403

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11 1435



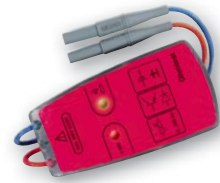
Continuity tester

- For resistance, semiconductor, polarity and testing (0.01 to 1000 μ F)
- Resistance range 0 to 500 k Ω
- External voltage display > 50 V
- Power supply 1 battery 9 V IEC 6LR61
- With acoustic signal and visual display with capacitor resistance-dependent tone pitch
- Testing current approx. 2.2 mA
- Electric strength up to 600 V
- Weight 230 g

100 x 50 x 25

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11 1400



Digital Multimeter

- Safety pursuant to DIN VDE 0411, EN 61010, IEC 61010, CAT III 600 V
- Visual (LED) and acoustic continuity test
- Device complies with the directive (2002/96/EC) WEEE
- Shock- and impact-proof due to protective sleeve included as standard
- $3\frac{3}{4}$ -digit digital display with 4000 digits
- Voltage, current and resistance measurement
- Temperature, capacity and frequency measurement
- Automatic measuring range selection

155 x 75 x 33

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11 1404



Clip-on adapter

can be used in combination with any digital multimeter with a range of 200 mV/2 V alternating current to carry out current measuring. The connection is made directly at the 4 mm input jack on the multimeter.

- Measurement range: 0 A to 300 A at 1.5% \pm 2 A
- Operating temperature: 0 $^{\circ}$ C to 50 $^{\circ}$ C
- Conversion 1 A AC corresponds to 1 mV
- Width of opening max. 28 mm

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11 1414



Clip-on measuring instrument

- Small measuring tool for one-hand operation
- Measurement range alternating current up to 40 A/400 A
- Direct voltage up to 400 V/600 V
- Measurement accuracy \pm 2%
- Data hold button for easier reading
- Charging status display
- Weight only 250 g including batteries
- Automatic switch-off after ca. 10 minutes with no operation (energy saving function)
- Pincer opening 30 mm
- Alternating voltage up to 600 V
- Resistance up to 400 Ω / 4000
- Large LC display (max. 3999)
- Continuity test with acoustic display
- Overload protection 480 A AC / 720 V AC
- Supplied with 2 R03 batteries (1.5 volt DC)
- 1 set of test leads

184 x 44 x 27

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11 1413



Digital clip-on measuring instrument AC / DC

- Small, handy clip-on measuring instrument for one-hand operation
- Pincer opening 30 mm
- Power consumption ca. 15 mA
- Data hold button for easier reading
- Battery charge status is displayed
- Display by means of large LC display (max. 4199 digits)
- Automatic switch-off after ca. 10 minutes from last operation (energy saving function with only 35 μ A power consumption for battery conservation)
- Overload protection for 10 seconds AC/DC 480 A or 720 V with display on LC display
- Complies with IEC 61 010-1 CAT. III 300 V
- Delivery incl. 2 batteries R03 (1.5 Volt DC)
- Weight only 200 g including batteries
- 1 set of test leads and user manual
- Each with two self-adjusting measurement ranges for:
 - Alternating current AC: up to 40 A (\pm 3%) and up to 400 A (\pm 4%), frequency range 50/60 Hz
 - Direct current DC: up to 40 A (\pm 3%) and up to 400 A (\pm 4%)
 - Alternating voltage AC: up to 400 V (\pm 2%) and up to 600 V (\pm 2%), frequency range 50/60 Hz
 - Direct voltage DC: up to 400 V (\pm 1.5%) and up to 600 V (\pm 1.5%)
 - Resistance: up to 400 Ω and up to 4000 Ω (\pm 2%)
 - Continuity test: with acoustic display at 50 Ω \pm 35 Ω

187 x 68 x 38	1	11 1415
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Test probes

- With 4 mm safety technology in accordance with DIN VDE 0411 / EN 61010 / IEC 61010
- Measurement circuit category CAT III / 1000 Volt with 2 mm tips made of stainless steel, Length 102 mm
- Short design,
- Current carrying capacity up to 16 A

2-piece set grey-red and grey-black	1	11 1474
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with 4 mm tips, length 142 mm

grey-red	1	11 1475
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grey-black	1	11 1476
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Crocodile clip set

- With 4 mm safety technology in accordance with DIN VDE 0411 / EN 61010 / IEC 61010
- Measurement circuit category CAT III / 1000 Volt
- Opening ca. 21 mm
- Current carrying capacity up to 16 A

grey-red and grey-black	1	11 1480
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Test lead set, 6 pieces

Contains: 1 item each of

- Test lead 1 m red
- Test lead 1 m black
- Crocodile clip grey-red
- Crocodile clip grey-black

1	11 1485
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Non-contact voltage tester Voltfix and Magno-Voltfix

- Reliably displays voltages from 12 V AC
- Two selectable voltage ranges/sensitivity levels
- The white tip provides a bright, all-round signal display
- Acoustic signal via integrated tone generator
- Automatically time-controlled switch-off
- Splash-water-protected, robust housing
- Slim, insulated measuring sensor suitable for EU, UK and US electrical sockets
- Measurement category CAT IV 1000 V
- Integrated torch
- Suitable for aircraft information systems up to 400 Hz
- Electric fields are displayed in red
- On/Off switch with visual display
- Battery monitoring with visual warning

Voltfix voltage tester	1	11 1460
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Magno-Voltfix voltage tester (incl. magnetic field detection)	1	11 1465
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Cable detective

Test instrument for mains copper cables, for discovering connection faults in customised data cables and complete installations. All coaxial connections with BNC/TNC connectors, USB cables and all UTP/STP cabling with 6 or 8 pin modular plugs can be checked in seconds for wire breaks, pin assignment and short circuits, both for individual conductors and for shielding.

With visual (LED) and acoustic error signals. The "Cable Detective" reduces the tedious, fraught and expensive search for cable faults to a minimum. Even longer cables laid up to 200 m can be tested by a single person.

In a practical belt bag, for 9 Volt E-block battery, comprehensive operating instructions.



145 x 86 x 26 mm	1	11 1440
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Voltage tester

with clear, transparent, impact-resistance plastic haft tested according to VDE

W mm	L mm	Testing range Volt			
3.0	65	120 - 250 AC	140	12	11 1280
3.5	100	120 - 250 AC	190	12	11 1288

Voltage tester Drei-Ve

The innovative triangular handle means this new CIMCO voltage tester is simply easier to hold in the hand.

The Drei-Ve voltage tester has an ergonomically shaped triangular handle in transparent, impact-resistant plastic.

The curved vertical contour allows the best possible contact pressure and the appropriately shaped holding clip on the handle will secure it to a shirt or overall pocket. The voltage tester is manufactured to meet the latest DIN standards and VDE/GS tested.

W mm	L mm	Testing range Volt			
3.0	65	150 - 250 AC	155	1	11 1282

Voltage tester

with clear, transparent, impact-resistance plastic haft in DIY pouch (not licensed for Germany)

W mm	L mm	Testing range Volt			
3	45	100 - 500 AC	125	12	11 1320

Voltage tester

with retractable screwdriver blade

W mm	L mm	Test area volt			
4	25	150 - 250 AC	140	12	11 1300

Voltage tester EURO

with surrounding anti-slip protection

W mm	L mm	Testing range Volt			
3.5	14	125 - 250 AC	190	12	11 1290



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