

Voltage Testers




★★★★★ BLUE-LINE® Voltage Detector • IP44

- non-contact type, rapid detection of live conductors to e.g. cable connections, cable reels, sockets, electrical outlets, switches, etc.
- particularly well-suited for professional use and as well for hobby
- sturdy ABS-plastic housing, with clip, dustproof and spray water resistant
- contactless and safe testing, works at a distance of 4 mm
- protected against voltage loads up to 1000 V AC
- overload category CAT III 1000 V
- capacitive process
- incl. 2x 1.5 V battery (type AAA, art.-no.: 609283), with operation manual

art.-no. 640357

- with acoustical signal and built-in LED lamp on top, measuring range 12 V - 1000 V







ART NO	 V AC	display	 L x ø	 KG
640350	110 - 1000	optical	142 x 25	0.022
640357	12 - 1000	optical and acoustical	160 x 25	0.045

★★★★★ DIGI PLUS-LINE® Electr. Digital Miniature Current Clamp • IP44

- the manual/automatic test range selector enables versatile and reliable testing
- use in the service sector, in industry or in the installation
- whether you want to measure a direct current as shown in the picture to check that a battery's load current will be sufficient, or the load is pulling too much and causing leakage
- the included readiness-bag keeps the device and its attachments safe, even in harsh areas or on the road
- protected housing made of sturdy ABS-plastic, dustproof and spray water resistant
- LCD display with clear reading
- voltage up to 600 V, current AC/DC up to 600 A
- overload category CAT III 600 V, conductivity with acoustical signal, resistance 0-60Ω
- with diode test, with 1x testing lead set
- incl. 3x 1.5 V battery (type AAA, art.-no.: 609283)
- incl. readiness bag, with operation manual



ART NO	 V AC/DC	 A AC/DC	 L x W x H	 KG
640364	- 600 V AC/DC	- 600 A AC/DC	208 x 75 x 35	0.340

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Two Pole Voltage Tester • IP65, with LED's

Two Pole Voltage Tester • IP65, with LCD display

- the professional appearance is underlined by the mix of materials used in the plastic housing and the rubber handle
- display window made of break proof plastic, scratch resistant
- sturdy ABS-plastic housing, water- and coolant proof acc. to DIN 40050 / IEC 60529
- single pole phase testing, two pole phase sequence testing, autom. load for FI/RCD test
- autom. measurement range, autom. resistance: Is ~ 30mA ED(DT) = 30 sec.
- incl. 2x 1.5 V battery (type AAA, art.-no.: 609283), with operation manual

art.-no. 640332

- operation panel: finger tip contact, continuity test 0-500 kOhm, with acoustical signal

art.-no. 640333

- resistance test 0-2000 Ω, continuity test 0-150 Ω, with acoustical alarm
- operation panel: On/Off button, data hold button, finger tip contact
- display: LCD 3½ digit, LCD for phase/rotary field



ART N° 640332

ART N° 640333



ART N°	V AC / DC	phase indicating	overload category	mm	KG
640332	6 - 1000 AC / DC	> 100 V AC	CAT IV 1000 V	238 x 70 x 30	0.200
640333	6 - 1000 AC / DC	> 100 V AC	CAT IV 1000 V	238 x 70 x 30	0.200



Two Pole Voltage Tester • IP44

- with 8 LED's, user-friendly design
- for measuring AC / DC, two practical functions in a single device
- the instrument has met with the approval for many customers working in the electrical- and tools branch

- sturdy ABS-plastic housing with rubber handle, dustproof and spray water resistant
- protected against voltage loads from 6 up to 400 V AC / DC
- DC and AC voltage tests with polarity indication can be performed safely
- power supply by test object
- overload category CAT III 1000 V
- with operation manual



ART N°	V AC / DC	display	mm	KG
640356	6 - 400	8 LED's	120 x 60 x 30	0.100

Multimeters

★★★★★ DIGI PLUS-LINE® Electr. Digital Multimeter • IP44

- with LED lamp and with non-contact voltage tester
- very useful instrument, especially in the field of electrical engineering
- housing is made of tough, damage-resistant ABS-plastic, dustproof and spray water resistant
- large LCD display for clear reading
- current DC and AC up to 4 A
- diode test, transistor test function, conductivity test, with acoustical signal
- incl. 1x measuring lines and with readiness bag
- incl. 2x 1.5 V battery (typ AAA, art.-no.: 609283), with operation manual



ART No	AC/DC	overload protection	resistance	mm	KG
640382	0 - 400 V	CAT III / 300 V	2 MΩ	140 x 70 x 35	0.220

★★★★★ DIGI PLUS-LINE® Electr. Digital Multimeter • IP44

- with solar charger on top of instrument
- very useful instrument, especially in the field of electrical engineering
- housing is made of tough, damage-resistant ABS-plastic, dustproof and spray water resistant
- large LCD display clear reading, digit height 19 mm
- current DC and AC up to 20 A
- incl. thermo probe for temperature measurements
- diode test, transistor test function, conductivity test, with acoustical signal
- with battery test function
- with frequency function
- with decimal digits change
- incl. 2x measuring lines and readiness bag
- incl. rechargeable accu and charger cable, with operation manual



with stand



power plug



solar charger



alligator clips



USB cable for charging



measurement probes



temperature probe



ART No	AC	DC	overload category	resistance	mm	KG
640384	0 - 750 V	0 - 1000 V	CAT III / 600 V CAT IV / 1000 V	60 MΩ	167 x 90 x 50	0.320

IP-Protection types overview acc. to EN 60529 (IP • International Protection)

1. Index

Degree of protection against foreign objects/particles and dust

- IP 4.. Protection against penetration of solid foreign objects von ≥ 1 mm.
- IP 5.. Protection against harmful dust deposits (dust protected).
- IP 6.. Protection against penetration of dust (dust-proof).

2. Index

Degree of protection against water

- IP ..0 no protection
- IP ..2 Protection against dripping water up to 15° tilt housing.
- IP ..4 Protection against water spray from any direction.
- IP ..5 Protection against water jets from any direction.
- IP ..6 Protection against powerful water jets from any direction.
- IP ..7 Protection against temporary immersion in water.
- IP ..8 Protected from ingress of water during immersion for indefinite period.

Tolerance limits acc. to EC-Measuring Directive 2004/22

Pocket Tapes / Steel Rules

Length	m	1	2	3	4	5	8	10
Tolerance EC I	mm	± 0.3	± 0.4	± 0.5	± 0.6	± 0.7	± 1.0	± 1.2
Tolerance EG II	mm	± 0.7	± 0.9	± 1.1	± 1.3	± 1.5	± 2.1	± 2.5

Folding Rules

Length	m	1	2	3
Tolerance EC II	mm	± 1.0	± 1.2	± 1.4
Tolerance EG III	mm	± 1.8	± 2.2	± 2.6

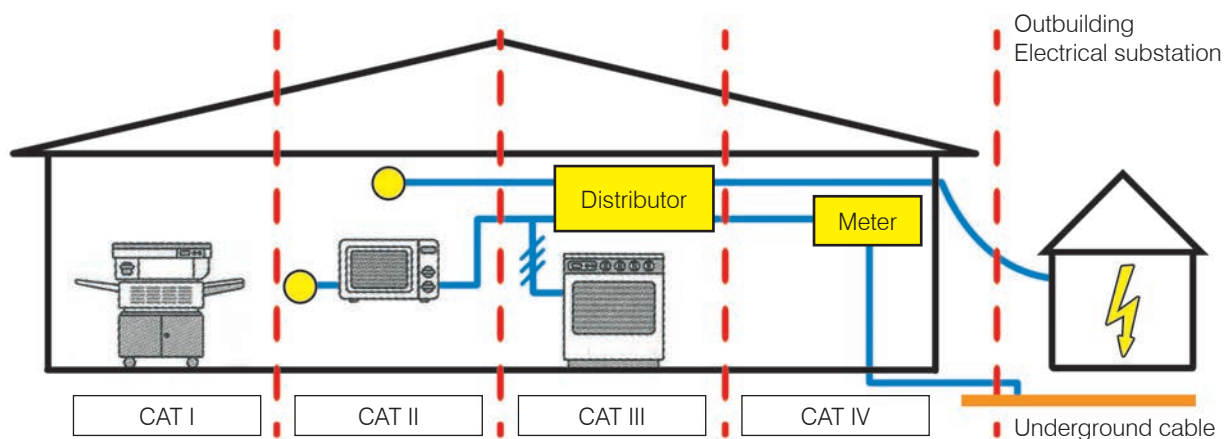
Thickness tolerances for feeler gauges and feeler gauge rolls

nominal thickness mm	0.000 – 0.024	0.025 – 0.039	0.040 – 0.062	0.063 – 0.124	0.125 – 0.159	0.160 – 0.199	0.200 – 0.249	0.250 – 0.314	0.315 – 0.389	0.400 – 0.499	0.500 – 0.629	0.630 – 0.799	0.800 – 0.999	1.000 – 1.249
Tolerance T2	μm	± 2	± 3	± 4	± 5	± 6	± 8	± 9	± 11	± 12	± 14	± 17	± 19	± 24
Tolerance T3	μm	± 1.5	± 2	± 3	± 4	± 5	± 6	± 7	± 8	± 9	± 10	± 12	± 13	± 17

Measuring categories CAT I up to CAT IV

- CAT I:** approved for measurements on circuits that are not directly connected to the power grid. (e.g. specially protected devices)
- CAT II:** approved for measurements on circuits which are electrically connected directly to the low voltage grid. (e.g. household appliances)
- CAT III:** approved for measurements in building installation (e.g. as distribution, wiring, sockets, switches)
- CAT IV:** approved for measurements at the source of low-voltage installations (e.g. as meters, mains terminals, primary overcurrent protection devices)

Any questions?
We are pleased to advise!



Magnet and Brake Fluid Tester, Car Tester

★★★★★ BLUE-LINE® Magnet Field Detector, non contact

- with LED lamp, non contact
- easy and quick contact-free detection of magnetic-fields
- all permanent and synthetic magnetic fields are indicated by the tip lighting up
- the built-in magnet-field sensor allows a reliable check proper function of hydraulic and pneumatic valves, relays and contactors
- rugged ABS-plastic housing, with clip
- safe and contactless testing, works at a distance of 4 mm
- optical red LED display, with built-in permanent magnet for a quick self test
- incl. 2x 1.5 V battery (type AAA, art.-no.: 609283), with operation manual



ART N°		length x ø	KG
640376	all magnetic fields	160 x 25	0.045

★★★★★ BLUE-LINE® Brake Fluid Tester, DOT 3, DOT 4, DOT 5.1 · IP44

- fast and accurate check on the water content in the brake fluid
- thanks to various measuring ranges, user-friendly operation and compact design, the device is ideal for use in garages and motorcycle workshops
- check brake fluids DOT 3, DOT 4, DOT 5.1
- acid- and alkaline housing, with clip
- visual indicating via 3 LED's
- measuring point illumination
- incl. 2x 1.5 V battery (type AAA, art.-no. 609283) with operation manual



ART N°		length x ø	KG
640372	DOT 3 / DOT 4 / DOT 5.1	152 x 23.5	0.040

★★★★★ SILVER-LINE® Car Tester, Voltage Tester for 3-48 V · IP40

- with integrated piercing probe
- perfect instrument for fault diagnostics in cars, trucks, etc.
- rugged ABS plastic housing, dust proof
- LED's with indicating 12 V / 24 V / 48 V
- power supply via test object
- protection class III, IEC/EN 61010-1
- with operation manual



ART N°		length x ø	KG
640366	3 - 48 V	145 x 25 x 16	0.250

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