

Core Product Range 2026

July edition



General Information

Terms and Conditions of Sale and Delivery

The "General terms and conditions of delivery for electrical industry products and services" apply, including the supplement regarding extended reservation of proprietary rights, in the respectively most up-to-date revision.

Further information (e.g., warranty and guarantee) is available on our website at www.gossenmetrawatt.de/agb.

Subject to technical changes and errors.

Prices

The price list applies to Germany and is valid as of July 1, 2026 until further notice. Publication of this price list renders all previous editions invalid.

All prices are specified in euros.

They represent non-binding recommended prices ex-factory, not including packaging. The respectively applicable value added tax is invoiced as a separate item.

Prices and standard equipment included with instruments or components do not include project engineering, programming, initial start-up or the like.

Prices are subject to change without notice. The currently valid price on the day on which delivery takes place shall be invoiced.

The minimum net order value is €99.00.

A surcharge of €20.00 will be added to orders amounting to less than the minimum net order value.

Online Information

Information is available from our website at www.gossenmetrawatt.com. Details dealing specifically with the issues of quality and certificates is available at www.gossenmetrawatt.de/qualitaet.

Export and Customs Documentation

One service charge will be invoiced in accordance with document for shipping instructions that deviate from normal shipping conditions within Germany: e.g., preparation of certificates of origin, issuance of delivery notes in foreign languages, preparation of export declarations, etc.

Contact

Our one number for everything – contact us directly and conveniently:
+49 911 8602-0

Opening hours:
Monday to Thursday: 07:30 a.m. – 5:00 p.m.
Friday: 07:30 a.m. – 4:00 p.m.

Sales Germany – Field Sales

Contact via our website:
www.gossenmetrawatt.de/kontakt/vertrieb/flaechenvertrieb-national

Sales – Inside Sales for Germany and Austria

Measuring and Test Technology:
Inside Sales – Consulting / General Inquiries
Email: sales@gossenmetrawatt.com

Order Management – Orders / Deliveries:
Email: orders@gossenmetrawatt.com

Energy Solutions:
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National companies & international sales partners

Email: international@gossenmetrawatt.com

The GMC GROUP is present all over the world with subsidiaries and sales partners.
<https://www.gossenmetrawatt.de/en/contact/contacts-worldwide/>

Product Support

Measuring and Test Technology:
support@gossenmetrawatt.com

Energy Solutions:
energy@gossenmetrawatt.com

GMC instruments academy

Consulting, quotation preparation, planning, and scheduling:
training@gossenmetrawatt.com

Service Offerings

Our after-sales services – from repair and spare parts service to calibration – are provided by our GMC-I Service GmbH.

Address: Calibrationhouse Deutschland
(by GMC-I Service GmbH)
Beuthener Straße 41
90471 Nürnberg

Phone: +49 911 817718-0
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www.calibrationhouse.com
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Opening hours:
Monday to Thursday: 08:00 a.m. – 4:30 p.m.
Friday: 08:00 a.m. – 1:00 p.m.

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VOLTAGE AND CONTINUITY TESTERS

METRAVOLT 12D+L



Voltage and continuity tester

- High safety due to 600 V CAT IV / 1 000 V CAT III
- Protected against water and dust (IP65)
- Large backlit display
- Rated voltage range 24...1 000 V_{AC} / 1 500 V_{DC}
- Nominal frequency range 15 Hz...10 kHz < 500 V

Type	Article	Code	€ excl. VAT
METRAVOLT 12D+L	M630G	A2	447.00

METRALINE VT LED



2-pole voltage tester

- Voltage range: 12 ... 1 000 V AC / 12 ... 1 500 V DC
- LED display for defined voltage ranges
- Frequency range 16.7...950 Hz
- RCD trip test for 30 mA via two pushbuttons
- Useful features such as vibration and flashlight
- Specially developed housing structure with rubber padding

Type	Article	Code	€ excl. VAT
METRALINE VT LED	M611G	B7	73.00

METRALINE VT LCD



2-pole voltage tester with LCD display

- Voltage range: 12 ... 1 000 V AC / 12 ... 1 500 V DC
- LCD display with backlighting
- RCD trip test for 30 mA via two pushbuttons
- Automatic mode for voltage/continuity
- Standard-compliant voltage test in accordance with EN 61324-3

Type	Article	Code	€ excl. VAT
METRALINE VT LCD	M611H	B7	104.00

METRALINE VC SENSE



Current-voltage tester with 7-segment display

- Enables non-contact and single-pole voltage measurement > 90 V to 1 000 V L-L.
- Inductive current measurement
- Vibration motor and sound generator for reliable feedback

Type	Article	Code	€ excl. VAT
METRALINE VC SENSE	M611L	B7	163.00

METRALINE VC SENSE DC



Current-voltage tester for AC and DC measurement

- Enables non-contact and single-pole voltage measurement > 90 V to 1 000 V L-L.
- Inductive current measurement
- Vibration motor and sound generator for reliable feedback
- **Innovative DC measurement** – unique on the market

Type	Article	Code	€ excl. VAT
METRALINE VC SENSE DC	M611U	B7	367.00

CLAMP METERS / CABLE FAULT AND CABLE LENGTH METERS

METRACLIP 41 / 410

Handy, digital TRMS clamp meter



- 3½-digit digital display
- Measured value can be held on the display (DATA HOLD)
- Power-save circuit, device switches off automatically after 10 minutes
- Automatic measuring range selection
- Current measurement range METRACLIP 410: 100 mA...400 A AC/DC
- Current measurement range METRACLIP 41: 5 mA...40 A AC/DC
- Dimensions: 193 mm x 64 mm x 31 mm
- Clamp opening: max. Ø 25 mm

Type	Article	Code	€ excl. VAT
METRACLIP 41	M320A	A2	706.00
METRACLIP 410	M320B	A2	488.00

METRACLIP 61

Leakage current clamp meter



- 4½-digit digital display
- Two switchable measuring ranges: 30 mA / 300 mA und 30 A / 300 A
- DATAHOLD and Min./Max. display
- Large clamp opening of 40 mm

Type	Article	Code	€ excl. VAT
METRACLIP 61	M311D	A2	552.00

METRACLIP 86

4-digit multi-purpose/power clamp meter



- Current and frequency measurement: 600 A_{AC} TRMS and 900 A_{DC}
- Power measurement (W/VA/var), power factor, harmonic measurement THD, rotating field direction (2-wire measurement)
- Resolution: 6 000 digits
- High safety due to 600 V CAT IV
- Dimensions: H x W x D: 222 mm x 78 mm x 42 mm
- Clamp opening: max. Ø 34 mm
- Carrying pouch, measuring cable and alligator clip included

Type	Article	Code	€ excl. VAT
METRACLIP 86	M312K	A2	741.00

METRALINE CM 400

Current clamp for AC and DC



- The current clamp can be used to accurately measure direct and alternating currents up to 400 A. This professional current clamp is ideal for use in solar and industrial environments.
- LCD display with backlighting
 - AC/ DC current measurement up to 400 A
 - Non-contact voltage detection

Type	Article	Code	€ excl. VAT
METRALINE CM 400	M611M	B7	195.00

METRACABLE TDR PRO

Cable fault and cable length meter



- Distance to cable fault with 0.3 m resolution
- For all types of symmetrical electric cables
- Long range of up to 14 km
- Backlit graphic display
- Editable cable database

Type	Article	Code	€ excl. VAT
METRACABLE TDR PRO	M281A	A2	1,076.00

MULTIFUNCTIONAL LINE DETECTORS

The line detector kits, consisting of EasyTest and a probe, enable any technician to locate any type of cable, wire, or wire pair in the shortest possible time without time-consuming wire stripping and without contact. This detects errors such as reversal, overlaps, interruptions, and other faults in the cable. The cable detectors can be used for all types of cables, such as telephone cables, bell wires, data cables of all classes, coaxial cables, and voltage-free electrical cables.

The feed of the search signal to active telecommunications lines with up to 100 V voltage and numerous other functions make these devices a popular tool for installation companies.

KE301 Classic Kit



For searching telephone cabling and identifying wire pairs

- RJ11 plug & alligator clips
- 120 V AC/DC surge protection
- Consists of ET300 / P310 and protective bag

Type	Article	Code	€ excl. VAT
KE301	D130C	F1	193.00

KE401 IT Kit



For IT & telephone cabling and wire pair identification

- RJ11 / RJ11 plug & alligator clips
- 120 V AC/DC surge protection
- **Data port test with port finder function**
- Consists of ET400 / P410 and protective bag
- ISDN signal detection with probe

Type	Article	Code	€ excl. VAT
KE401	D140C	F1	212.00

KE501 Electro Kit



For electrical installations and cable identification

- 35-cm long fully insulated test leads with banana plugs and extra-strong alligator clips
- **External voltage protection up to 350 V AC**
- Consists of ET500 / P510 and protective bag

Type	Article	Code	€ excl. VAT
KE501	D150C	F1	233.00

KE701 Telco Kit



For IT & telephone cabling and wire pair identification

- RJ11, RJ45, and 2x banana plugs with alligator clips
- **Data port test, port finder function**
- ISDN signal detection with probe
- **External voltage protection up to 120 V AC**
- Consists of ET720 / P410 and protective bag
- Continuity test with LED and audible signal, resistance-dependent

Type	Article	Code	€ excl. VAT
KE701	D170C	F1	268.00

KE801 Copper & Fiber-Optic



Includes the scope of functions of the KE701

- For IT and telephone, fiber-optic and copper cable detection, and wire pair identification
- **Universal 2.5 mm ferrule for fiber optics**
- **External voltage protection up to 120 V AC**
- Consists of ET800 / P410 and protective bag
- RJ11, RJ45, and 2x banana plugs with alligator clips
- **Red light source with 1 mW for fiber-optic lines < 5 km**

Type	Article	Code	€ excl. VAT
KE801	D180C	F1	407.00

CABLE TESTERS

KE7000



LAN cable tester

- Tests: Telephone (RJ11), data (RJ45) and optional coaxial cables
- Tests for: Continuity, interruption, short circuit, reversal, shielding, multiple errors
- Device pair indicates faults on both sides
- Detection of active switches at the far end of the line
- Clear display of cable status
- Surge protection up to 60 V
- Cost-effective and robust
- Consists of 2 x KE7000 in a pouch

Type	Article	Code	€ excl. VAT
KE7000	D700A	F1	216.00

KE7200



Ethernet performance tester

- Detection and localization of cable faults starting at 1 wire pair
- Save measurements, incl. Ethernet Manager software for creating reports
- Integrated, configurable cable database starting at 1 pair telephone incl. Profinet
- Detection of branches in the TC network (bridge taps) – optional
- TDR cable length measurement up to 200 m
- Power over Ethernet load test up to 90 watts, PoE/+/++/LTPoE (IEEE802.3af/at/bt)
- Detection of 10/100/1 000 MBit connections
- Network scan / ping stress test
- Port finder function and tone transmission mode
- Surge protection up to 100 V
- Consists of: KE7200 / 2x KE7010 in a pouch

Type	Article	Code	€ excl. VAT
KE7200	D720A	F1	855.00

KE7701



Cable tester and line detector kit

- Tests telephone (RJ11), data (RJ45) and coaxial cables
- Tests for continuity, interruption, short circuit, reversal, shielding, multiple errors
- Device pair indicates faults on both sides
- Detection of active switches at the far end of the line
- Identification of cables and wire pairs
- Signal feed on active telephone and data lines
- RJ45 connector, data port test, and port finder function
- Surge protection up to 60 V (KE7000) / 500 V (KE701)
- Consists of: 2x KE7000 / KE701 in an equipment case

Type	Article	Code	€ excl. VAT
KE7701	D707A	F1	455.00

KE7207



Network and line detector kit

- For IT & telephone cabling and wire pair identification
- RJ11, RJ45, and 2x banana plugs with alligator clips
- Continuity test with LED and audible signal, resistance-dependent
- Data port test, port finder function
- ISDN signal detection with probe
- Detection and localization of cable faults starting at 1 wire pair
- Save measurements, incl. Ethernet Manager software for creating reports
- Detection of branches in the TC network (bridge taps) – optional
- TDR cable length measurement up to 200 m
- Network scan / ping stress test
- Surge protection up to 100 V (KE7200) / 500 V (KE701)
- Consists of: KE7200 / KE701 in an equipment case

Type	Article	Code	€ excl. VAT
KE7207	D727A	F1	1,015.00

MULTIMETERS

METRALINE DM 41



Digital multimeter with temperature measurement

- Display: $\pm 4\ 000$ digits and backlight

Multimeter functions:

- Voltage DC/AC, current DC/AC, Hz, Ω , $^{\circ}\text{C}$

Measurement and automatic functions:

- Diode, continuity test

- Patented automatic blocking sockets (ABS)
- Measuring category: 600V CAT III, 300V CAT IV
- 36-month guarantee
- Rubber holster and cable set included

Type	Article	Code	€ excl. VAT
METRALINE DM 41	M192A	A2	102.00

METRALINE DM 61



Digital multimeter with analog bar graph and temperature measurement

- Display: $\pm 6\ 600$ digits with analog bar graph and backlight

Multimeter functions:

- Voltage DC/AC, current DC/AC, Hz, Ω , $^{\circ}\text{C}$

Measurement and automatic functions:

- Diode, continuity test
- 1000:1 clip function for optional current transformers

- Current measurement up to 660 A via clamp-on current transformer with a transformation ratio of 1000:1
- Patented automatic blocking sockets (ABS)
- Measuring category: 600V CAT III, 300V CAT IV
- 36-month guarantee
- Rubber holster and cable set included

Type	Article	Code	€ excl. VAT
METRALINE DM 61	M194A	A2	128.00

METRALINE DM 62



Universal 3½-digit TRMS multimeter

- Display: $\pm 6\ 600$ digits with analog bar graph and backlight

Multimeter functions:

- Voltage DC/AC, current DC/AC, Hz, Ω , capacitance, $^{\circ}\text{C}$

Measurement and automatic functions:

- Duty cycle, diode, continuity test, TRMS measurement

- Patented automatic blocking sockets (ABS)
- Measuring category: 600V CAT III, 300V CAT IV
- 36-month guarantee for materials and workmanship
- Rubber holster and cable set included

Type	Article	Code	€ excl. VAT
METRALINE DM 62	M197A	A2	172.00

WZ1001



Clamp-on current transformer 1...1 000 A AC suitable for METRALINE DM 61

- The AC clamp meter permits interruption-free measurement of alternating current by closing the clamp around the current conductor or busbar.

- AC current clamp with transformation ratio of 1000:1
- Accuracy: Class 1 (2.5 VA)
- Clamp opening: 43 mm / cable length: 1.5 m

Type	Article	Code	€ excl. VAT
WZ1001	Z194A	A2	51.00

MULTIMETERS

METRAHIT AM TECH+GH



4½-digit technician TRMS digital multimeter

- Display: $\pm 12\,000$ digits and analog bar graph
 - Large illuminated 15 mm display, TRMS up to 10 kHz
 - 20 multimeter functions:
 - V_{AC} TRMS, V_{AC+DC} TRMS, V_{DC} , Hz, Ω , continuity, diode, A_{AC} TRMS, A_{AC+DC} TRMS ... and capacitance measurement
 - Adjustable clip factor for current sensors/transformers
 - Increased accuracy in the current ranges 10 mA and 100 mA, optimized for transducers
 - Patented automatic blocking sockets (ABS)
 - Measuring category: 1 000 V CAT III / 600 V CAT IV
 - Rubber holster included
- DAkkS calibration certificate** worth **€142** and cable set included

Type	Article	Code	€ excl. VAT
METRAHIT AM TECH+GH	M243E	A1	638.00

METRAHIT AM X-TRA



4½-digit high end TRMS digital multimeter and data logger

- Display: $\pm 12\,000$ digits and analog bar graph, large 15 mm illuminated display, TRMS up to 20 kHz
 - 23 multimeter functions:
 - V_{AC} TRMS, V_{AC+DC} TRMS, V_{DC} , Hz, Ω , continuity, diode, capacitance, A_{AC} TRMS, A_{AC+DC} TRMS ...
 - Patented automatic blocking sockets (ABS)
 - Measuring category: 1 000 V CAT III / 600 V CAT IV
 - Data memory (for approx. 15 400 measured values) for measurements over longer periods
 - Infrared interface for communication to the PC
 - METRAVIEW PC software and USB adapter available as options
 - Rubber holster and cable set included
- DAkkS calibration certificate** worth **€180** included

Type	Article	Code	€ excl. VAT
METRAHIT AM X-TRA	M240A	A1	764.00

METRAHIT 2+



The affordable TRMS universal multimeter

- Display: $\pm 6\,000$ digits and analog bar graph
 - Large illuminated display with 15 mm digit height
 - Multimeter functions:
 - Voltage DC/AC, current DC/AC, Hz, Ω , $^{\circ}\text{C}$, diode measurement and continuity test
 - Patented automatic blocking sockets (ABS)
 - AUTO RANGE in all measuring functions
 - Measurement and automatic functions: Continuity test, DATA HOLD, and MIN/MAX registration
 - Measuring category: 600V CAT III
- DAkkS calibration certificate** worth **€114**, rubber holster, and cable set included

Type	Article	Code	€ excl. VAT
METRAHIT 2+	M205A	A1	312.00

METRAHIT ISO



4¾-digit TRMS multimeter and insulation tester

- Display: $\pm 30\,000$ digits
 - Multimeter functions:
 - Voltage DC/AC, current DC/AC, Hz, Ω , diode measurement
 - Insulation measurement (50 V / 100 V / 250 V / 500 V / 1 000 V)
 - Temperature measurement $-200\ldots +850\,^{\circ}\text{C}$
 - Data memory for approx. 15 400 measured values and infrared interface
 - Rubber holster and cable set included
- DAkkS calibration certificate** worth **€151** included

Type	Article	Code	€ excl. VAT
METRAHIT ISO	M246B	A1	1,136.00

MULTIMETERS

METRACAL CM



High-precision multimeter and process calibrator for measuring and simulating electrical quantities

- Dual Mode for simultaneous simulation and measurement
- Integrated 24 V loop power for 4-20 mA loops
- High-resolution color display with automatic brightness control
- Data logger with real-time clock and automatic measured value storage
- Compact, robust design with quick-change battery and IP52 protection
- Measures and simulates all common electrical signals in one device
- Saves time and equipment thanks to integrated 24 V power supply for current loops
- Provides accurate and stable measured values for reliable adjustment/calibration
- Easy operation due to clearly structured menus and graphical display
- High operational reliability in the field thanks to robust housing and the option of subsequent function extension
- **CM TECH** additionally with HART communication
- **CM XTRA** additionally with HART communication and graph function extension
- Quality "Made in Germany"
- 3-year guarantee
- DAkkS calibration certificate included

SCOPE OF DELIVERY:

METRACAL CM, cable set KS25-4, lithium polymer quick-change battery with micro USB charging socket, USB Power Delivery adapter, USB-C & USB-A, 65W with interchangeable primary plug for EU, UK, US, Asia, USB cable with USB-A and USB-B connectors, 1 m long, quick start guide in German/English, DAkkS calibration certificate, hard-shell case for storing the device and accessories

Type	Article	Code	€ excl. VAT
METRACALL CM PRO	M275P	A1	3,875.00
METRACALL CM TECH	M275T	A1	4,505.00
METRACALL CM XTRA	M275X	A1	5,135.00

METRAHIT IM E-DRIVE BT



TRMS multimeter, milliohmmeter, insulation tester, coil tester with data logger for hybrid and electric drives

- Milliohm measurement with 4-wire connection (Kelvin measurement)
- Insulation tester with test voltage from 10 to 1 000 V
- Coil test with 1 000 V test voltage
- Direct current measurement
- Inter-turn short circuit test with 1 000 V surge voltage with optional COIL adapter
- **Automatic blocking socket (ABS)** for the current input
- **DAkkS calibration certificate** worth **€264** included in scope of delivery

SCOPE OF DELIVERY:

METRAHIT IM E-DRIVE BT with rubber holster, test probe, safety measurement cables, Kelvin clip, Kelvin probe, quick-change battery, USB adapter, hard-shell case, DAkkS calibration certificate, IZYTRONIQ BUSINESS Starter software

Type	Article	Code	€ excl. VAT
METRAHIT IM E-DRIVE BT	M274S	A7	2,742.00

XTRA coil adapter



Adapter XTRA inter-turn short-circuit test

- Simultaneous connection to 3 coils
- Rotary switch for coil selection
- Polarity reversal via the rotary switch

Type	Article	Code	€ excl. VAT
XTRA coil adapter	Z270M	A7	395.00

MULTIMETERS

METRAHIT ENERGY



Professional power and energy multimeter and PQ analyzer

- Display: $\pm 60\,000$ digits, triple display, with switchable display lighting
- Measuring functions: simultaneous voltage and current (DC and TRMS-AC and AC/DC), frequency, resistance, diode, temperature, power (W, VAR, VA, PF), energy, power quality ...
- Complete remote control of the device without activating the rotary switch or changing current sockets
- Patented automatic blocking sockets (ABS)
- Large measurement data memory for up to 300 000 measured values, fast instantaneous value acquisition (0.5 ms sampling rate)
- Integrated quartz clock
- Broad range capacitance measurement
- Switchable 1 kHz / -3 dB low-pass filter
- Voltage quality analysis, harmonic analysis
- Rubber holster and cable set included
- **DAkkS calibration certificate worth €187 included**

Type	Article	Code	€ excl. VAT
METRAHIT ENERGY	M249A	A1	1,368.00

INSULATION TESTERS / FUSE FINDERS

METRISO 5024



Analog insulation and low resistance meter

- Compact, easy-to-use two-hand meter in accordance with VDE 0413, Parts 1, 2 and 4
- Insulation resistance measurement: 0.1...400 M Ω
- Low-resistance measurement: 0...4 Ω
- Measuring voltages: 100–250–500 V_{DC}
- Alarm signal via built-in buzzer, flashing LED, and oscillating pointer

Carrying pouch included

Type	Article	Code	€ excl. VAT
METRISO 5024	M540E	A2	831.00

METRISO PRIME set



Analog high-voltage insulation measuring instrument

- Extensive measuring range from 10 k Ω ... 1 T Ω
- Concise logarithmic display
- Test voltages: 100 V, 250 V, 500 V, 1 000 V, 1 500 V, 2 000 V, 2 500 V, 5 000 V
- Measurements to 2 000 V per DIN VDE 0413
- Measuring range from 100 k Ω ... 100 M Ω (1 000 V)
- Voltage measurement to 2 000 V_{AC/DC}
- Guard terminal for the elimination of surface current

SCOPE OF DELIVERY:

High-voltage insulation tester, KY5000A alligator clips, Guard5000A guard cable, F2000 universal carrying pouch

Type	Article	Code	€ excl. VAT
METRISO PRIME set	M551T	A1	2,236.00

METRAFUSE FD PRO



Fuse finder for locating fuses and circuit breakers

- Automatic sensitivity adjustment
- Cable lengths up to several 100 m
- Separate emitter and receiver unit
- Optical and acoustic signaling
- Assignment to electrical circuits

Type	Article	Code	€ excl. VAT
METRAFUSE FD PRO	M660C	A2	226.00

METRALINE

METRALINE ZCHECK



Meter for fault loop and network impedances

- Measurement of fault loop and network impedance with short-circuit current
- Measurement of fault loop impedance with short-circuit current without FI/RCD tripping
- Measurement of line voltage
- Phase detection
- Table of common protective devices can be displayed
- Digital display, backlit color OLED display

Type	Article	Code	€ excl. VAT
METRALINE Z CHECK	M507A	A2	662.00

METRALINE RCD CHECK



Residual current device tester (FI/RCD circuit breakers)

- Measurement of touch voltage without tripping the circuit breaker
- Tripping test with nominal residual current, measurement of time to trip
- Testing of systems and RCDs with rising residual current including indication of tripping current
- Testing of special RCD circuit breakers: selective S, type AC, type A, type F
- Testing of RCDs with half-waves (pulsating direct current) for determining time to trip and tripping current
- Measurement of line voltage and fault loop impedance
- Digital display, backlit color OLED display

Type	Article	Code	€ excl. VAT
METRALINE RCD CHECK	M507B	A2	662.00

METRALINE ISO CHECK



Insulation resistance tester

- Insulation resistance measurement with test voltages from 50 V to 1 000 V
- Voltage measurement up to 600 V
- Measurement of surge protection devices with test voltages from 50 V to 1 000 V
- Indication of dangerous touch voltage
- Table of common varistors can be displayed
- Digital display, backlit color OLED display

Type	Article	Code	€ excl. VAT
METRALINE ISO CHECK	M507C	A2	662.00

METRALINE RLO CHECK



Low-resistance and protective conductor resistance tester

- Measurement of protective conductor resistance
- Measurement of equipotential bonding conductors
- Cable reel with 30 m cable
- Extensive accessories

Type	Article	Code	€ excl. VAT
METRALINE RLO CHECK	M630W	A3	657.00

METRALINE VT SENSE



Non-contact voltage tester

- Non-contact voltage detection
- Phase sequence detection by means of 4-color LED and vibration
- Indication of voltage fields by means of vibration

Type	Article	Code	€ excl. VAT
METRALINE VT SENSE	M611K	B7	41.00

METRALINE

METRALINE EARTH



Ground resistance and low-resistance meter

- Professional grounding measurement (3-wire, 4-wire, and Wenner)
- USB interface for updates
- Simplifies workflows thanks to intelligent operating functions
- Convenient grounding resistance measurement and low-resistance measurement in accordance with DIN 18014

- Color graphic display
- Simple menu navigation

SCOPE OF DELIVERY:

METRALINE EARTH, 3x measurement cables (1x 5 m, 2x 20 m), 3x measurement cables 1 m with test probes and alligator clips, 1x USB cable, 1x carrying pouch

Type	Article	Code	€ excl. VAT
METRALINE EARTH	M590R	B7	1,239.00

METRALINE MF



Multifunctional installation tester for standard-compliant testing in electrical systems and installations

- Color graphic display
- Intuitive user guidance
- Help images for each measuring function and audio signal during measurement
- USB interface for updates and evaluation
- Large memory for up to 1 000 measurements
- From test to results in just a few clicks

SCOPE OF DELIVERY:

METRALINE MF (M520F), 3x measurement cables 1 m, 3x test probes, 3x alligator clips, 1x measurement cable with grounded plug, 1x measurement cable with test button for triggering a measurement, 1x USB cable, 1x rechargeable batteries, 1x power pack, 1x carrying pouch

Type	Article	Code	€ excl. VAT
METRALINE MF	M520F	B7	1,259.00

METRALINE EVSE IT



Test adapter for electric charging points (1-/3-phase) with METRALINE MF

- Simulation of the charging process in accordance with IEC 61851-1 / VDE 0122-1
- Direct connection to the installation tester
- No other adapters required

Type	Article	Code	€ excl. VAT
METRALINE EVSE IT	Z525M	B7	314.00

METRALINE A3-16/A3-32/A3-63

3-phase current adapter for METRALINE MF and CEE outlets

- Easy to use, secure connection via 4 mm safety sockets
- Lightweight, compact, and robust design



Type	Article	Code	€ excl. VAT
METRALINE A3-16	Z6110	B7	142.00
METRALINE A3-32	Z611P	B7	199.00
METRALINE A3-63	Z611R	B7	289.00

PROFITEST M

PROFITEST MF TECH



Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100

- Quick and easy reporting – create system structure / measure & save / generate report
 - Preconfigured and self-programmable test sequences (IZYTRONIQ) for rapid testing
 - Storage concept for up to 50 000 data records
 - Context-sensitive color graphic display with high response speed and brilliant readability
 - Innovative operating concept – All decisive measuring functions can be quickly selected with the rotary switch
 - Data interfaces (USB type B for PC connection / USB type A for USB keyboard, barcode reader, or RFID scanner)
 - Future-proof platform concept and connectivity (WIFI, Bluetooth, connection of mobile data acquisition devices)
 - User safety thanks to PE detection when used by finger contact
 - Broad-range measurement for all alternating and 3-phase electrical systems with voltages from 65 V to 500 V and frequencies of 15.4 Hz to 420 Hz
 - RLO low-resistance measurement (200 mA direct current & automatic polarity reversal) ideal for detecting corrosion at PE clamping points in systems
 - RISO measurement of insulation resistance with variable nominal voltage from 50 V–1 000V or rising test voltage (to protect overvoltage devices). Measurement point information in the test report (N-PE, L1-PE, L2-PE, L3-PE...)
 - ZL-PE – Standard-compliant loop resistance measurement with RCD type A to determine the short-circuit current in case of a ground fault (L-PE) and ZL-N – line impedance measurement to determine the short-circuit current (L-N)
 - Voltage drop measurement of the difference between the power supply and the sockets by means of the OFF-SET function
 - Testing of special RCD circuit breakers: Selective S, SRCDS, PRCDS (Schukomat, Sidos, etc.), type G/R, type AC, type A, F; type B, B+, and type EV, as well as the current RDC and RCMB circuit breakers in charging devices (wall boxes and charging columns)
 - U – One-time measurement of all voltages (L-N, L-PE, N-PE) at grounded outlets by means of a test adapter
 - Measurement of protective conductor and differential currents by means of clamps (optional accessory)
 - Line-referenced grounding resistance measurement (city grounding measurement)
 - Measurement of the impedance of insulating floors and walls (site insulation impedance)
- DAkkS calibration certificate worth €265 included**

SCOPE OF DELIVERY:

Test device, grounded plug, 2-pole measuring adapter and cable for extension to 3-pole adapter (PRO-A3-II), 2x alligator clips, carrying strap, set of rechargeable batteries (Z502H), charger (Z502R), USB interface cable, IZYTRONIQ BUSINESS Starter (database software) with cloud voucher (12 months), DAkkS calibration certificate

Type	Article	Code	€ excl. VAT
PROFITEST MF TECH	M535K	A1	2,729.00

PROFITEST MF XTRA



Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100

Same as PROFITEST MF TECH, plus:

- Battery powered grounding resistance measurements: 3-pole/4-pole and ground loop resistance measurements (2-clamp method by means of optional current clamps and adapters), specific ground resistance
- Testing of insulation monitoring devices (IMDs) and residual current monitoring devices (RCMs)
- Intelligent ramp (simultaneous measurement of tripping current $I_{\Delta N}$ and tripping time t_{Δ})
- Measurement of leakage current with PRO-AB adapter
- Residual voltage measurement in accordance with EN 60204

Type	Article	Code	€ excl. VAT
PROFITEST MF XTRA	M535H	A1	3,359.00
PROFITEST MF XTRA – LEMONGREEN incl. IZYTRONIQ BUSINESS PROFESSIONAL	M535T	A1	3,359.00

PROFITEST MF PACKAGES VDE 0100

Starter Set PROFITEST MF TECH



Consists of:

- **PROFITEST MF TECH** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **Probe set** – special test probes, 600 V CAT III, for measurements in controllers
- **Vario plug set** – 3 self-retaining test probes for connection to CEE and Perilex sockets, for example
- **SORTIMO L-BOXX** – system case with interior compartments for PROFITEST MASTER and accessories
- **IZYTRONIQ BUSINESS Advanced** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
Starter Set PROFITEST MF TECH	M537A	A1	3,149.00

0105 Set PROFITEST MF TECH Consists of:



- **PROFITEST MF TECH** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **SORTIMO L-BOXX** – system case with interior compartments for PROFITEST MASTER and accessories
- **METRAVOLT 12D+L** – Voltage and continuity tester with phase, polarity, and rotating field testing
- **IZYTRONIQ BUSINESS Professional** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
0105 Set PROFITEST MF TECH	M537B	A1	3,359.00

Master Set PROFITEST MF TECH



Consists of:

- **PROFITEST MF TECH** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **Probe set** – special test probes, 600 V CAT III, for measurements in controllers
- **Vario plug set** – 3 self-retaining test probes for connection to CEE and Perilex sockets, for example
- **SP350 ground spike** – ground drill, 35 cm long
- **METRAFUSE FD PRO** – Fuse finder for locating fuses and circuit breakers
- **TR 50 drum** – drum with 50 m measurement cable
- **PRO-W** – angled grounded plug insert
- **Professional case** – case with interior compartments for PROFITEST MASTER and accessories
- **IZYTRONIQ BUSINESS Professional** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
Master Set PROFITEST MF TECH	M537C	A1	3,833.00

EVSE Set PROFITEST MF TECH Consists of:



- **PROFITEST MF TECH** – Installation tester for testing stationary electrical systems, in particular wall boxes, charging columns, and charging stations
- **METRALINE PRO-TYP EM II** – 1-/3-phase test adapter for electric charging points
- **PRO-RL0 20** – Compensated measuring adapter with 20 m cable for PE measurements
- **Protective gloves** – Protective gloves with arc flash protection
- **SORTIMO L-BOXX** – system case with interior compartments for PROFITEST MASTER and accessories
- **IZYTRONIQ BUSINESS Professional** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
EVSE Set PROFITEST MF TECH	M537D	A1	4,437.00

PROFITEST MF PACKAGES VDE 0100

Starter Set PROFITEST MF XTRA



Consists of:

- **PROFITEST MF XTRA** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **Probe set** – special test probes, 600 V CAT III, for measurements in controllers
- **Vario plug set** – 3 self-retaining test probes for connection to CEE and Perilex sockets, for example
- **SORTIMO L-BOXX** – system case with interior compartments for PROFITEST MASTER and accessories
- **IZYTRONIQ BUSINESS Advanced** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
Starter Set PROFITEST MF XTRA	M537K	A1	3,639.00

0105 Set PROFITEST MF XTRA Consists of:



- **PROFITEST MF XTRA** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **SORTIMO L-BOXX** – system case with interior compartments for PROFITEST MASTER and accessories
- **METRAVOLT 12D+L** – Voltage and continuity tester with phase, polarity, and rotating field testing
- **IZYTRONIQ BUSINESS Professional** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
0105 Set PROFITEST MF XTRA	M537H	A1	3,744.00

Master Set PROFITEST MF EXTRA



Consists of:

- **PROFITEST MF XTRA** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **Probe set** – special test probes, 600 V CAT III, for measurements in controllers
- **Vario plug set** – 3 self-retaining test probes for connection to CEE and Perilex sockets, for example
- **PRO-W** – angled grounded plug insert
- **METRAFUSE FD PRO** – Fuse finder for locating fuses and circuit breakers
- **Professional case** – case with interior compartments for PROFITEST MASTER and accessories
- **IZYTRONIQ BUSINESS Professional** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
Master Set PROFITEST MF XTRA	M537L	A1	3,968.00

Profi Set PROFITEST MF XTRA Consists of:



- **PROFITEST MF XTRA** – Installation tester for testing the effectiveness of protective measures in electrical systems in accordance with E-CHECK / DIN VDE 0100–600 / VDE 0413 / VDE 0105–100
- **Probe set** – special test probes, 600 V CAT III, for measurements in controllers
- **Vario plug set** – 3 self-retaining test probes for connection to CEE and Perilex sockets, for example
- **PRO-W** – angled grounded plug insert
- **E-Clip 2** – generator clamp for measuring ground loop resistance
- **Z3512A** – clamp meter for measuring ground loop resistance
- **PRO-RE2** – measuring adapter for 2-clamp measurement method
- **Professional case** – case with interior compartments for PROFITEST MASTER and accessories
- **IZYTRONIQ BUSINESS Professional** – database software + cloud voucher

Type	Article	Code	€ excl. VAT
Profi Set PROFITEST MF XTRA	M537M	A1	5,386.00

ADAPTERS

PROFITEST PRCD PRO



Adapter for standard-compliant testing of portable protective devices together with PROFITEST MF / PROFITEST MXTRA

Testing of the following types of portable protective devices:

- PRCD-S (1-phase / 3-pole and 3-phase / 5-pole), incl. manufacturer Kopp
- PRCD-S +(1-phase / 3-pole and 3-phase / 5-pole), incl. manufacturer PCE
- PRCD-K (1-phase / 3-pole), incl. manufacturer Kopp
- PRCD-K +(1-phase / 3-pole), incl. manufacturer PCE
- PRCD, 2-pole / 3-pole

Function test, i.e., tripping test by simulating the following faults:

- Interruption
- Reversed wires
- PE to phase

- Measurement of protective conductor current with current clamp transformer
- Measurement of protective conductor and insulation resistance
- Tripping test with nominal residual current and measurement of time to trip

Type	Article	Code	€ excl. VAT
PROFITEST PRCD PRO	M512S	A3	1,612.00
PROFITEST PRCD Case	Z512R	A2	373.00

PROFITEST REMOTE



3-phase test adapter for PROFITEST MTECH+ IQ, MXTRA IQ and PRIME test instruments

- Makes it possible to run an automatic test sequence for insulation and loop resistance measurements RINS, ZL-PE and ZL-N on multi-core cables with L1, L2, L3, N and PE, 300 V CAT III
- Measurement of insulation resistance RINS with up to 500 V DC
- No replugging required during measurement
- No phase reversal possible during measurement
- Saves time for testing in electrical systems
- Test adapter controlled via the connected test device
- No offset determination necessary thanks to 4-wire measurement
- Indication of conductor connection via LED

Type	Article	Code	€ excl. VAT
Connecting cable 16	Adapter cable with CEE plug, 5-pole, 16 A, and 4 mm safety plug	Z570B A2	368.00
Connecting cable 32	Adapter cable with CEE plug, 5-pole, 32 A, and 4 mm safety plug	Z570C A2	384.00
Connecting cable-63	Adapter cable with CEE plug, 5-pole, 63 A, and 4 mm safety plug	Z570D A2	514.00

BARCODE READERS/ ADAPTER CABLES

Barcode Profiscanner RS 232 /USB/RS 232 converter



Barcode reader for RS232 connection / Interface adapter cable USB RS232

- **Bar code reader:** Variable barcode length, increased reading accuracy with approx. 1 m long spiral cable
- **USB/RS232 converter:** USB / RS232 interface adapter cable for using accessories with RS232 interface on test devices with USB interface, such as PROFITEST MF TECH/XTR

Type	Article	Code	€ excl. VAT
Barcode Profiscanner RS 232	Z502F	A2	905.00
USB/RS232 converter	Z501W	A2	216.00

POUCHES AND CASES



F2000



F2010



F2020



Test case



Trolley



SORTIMO L-BOXX

FOAM PROFITEST
MASTER / INTRO

F2000

Universal carrying pouch,
dimensions: 380x310x200 mm

F2010

Universal carrying pouch with
flexible compartments

F2020

Large universal carrying pouch, dimen-
sions: 430x310x300 mm

Test case

Robust aluminum case
dimensions 390 x 590 x 230 mm

SORTIMO L-BOXX

Plastic system case

Trolley for test case

Transport trolley with extendable handle

FOAM PROFITEST MASTER / INTRO

Foam insert for SORTIMO L-BOXX

Type	Article	Code	€ excl. VAT
F2000	Z700D	A1	251.00
F2010	Z700G	A2	314.00
F2020	Z700F	A3	378.00
Test case	Z502W	A2	452.00
Trolley for test case	Z502N	A2	205.00
SORTIMO L-BOXX	Z503D	A2	242.00
FOAM PROFITEST MASTER	Z503E	A2	141.00
FOAM PROFITEST INTRO	Z5030	A2	136.00

OTHER ACCESSORIES

PRO -...Plug Inserts



PRO-SCHUKO

Plug insert for Germany and other countries
with corresponding plug system



PRO-W

Same as PRO-Schuko but with angled
grounded plug

PRO-RLO II



PRO-A3 II

2/3-pole measuring adapter

PRO-UNI II



PRO-RE

Connection adapter for grounding accesso-
ries for 3/4-pole measurement and selective
grounding resistance measurement

PRO-RE-2

Measuring adapter for connecting a clamp meter
for the 2-clamp measuring method

PRO-A3 II NCC

Same as PRO-A3 II but with 10 m non-coil cables
instead of coil cables

PRO-RLO II

Plug inserts for PE and similar measurements,
10 m extension in 2-wire measuring technology

PRO-UNI II

Plug inserts with 3 connector cables for any
connection standards

PRO-HB

Test probe and measuring adapter holder for
PROFITEST MASTER instruments

Type	Article	Code	€ excl. VAT
PRO-SCHUKO	GTZ3228000R0001	A1	136.00
PRO-W	Z503A	A2	157.00
PRO-A3 II	Z5010	A1	205.00
PRO-RE	Z501S	A2	209.00
PRO-RE-2	Z502T	A2	262.00
PRO-A3 II NCC	Z503C	A1	352.00
PRO-RLO II	Z501P	A1	284.00
PRO-UNI II	Z501R	A1	199.00
PRO-HB	Z501V	A2	232.00

Rubberized side elements to protect PROFITEST MF

Color 2x red	Z505H	A2	66.00
Color 2x blue	Z505K	A2	66.00
Color 2x yellow	Z505L	A2	66.00
Color 2x green	Z505M	A2	66.00
Color 2x pink	Z505N	A2	66.00
Color each 1x yellow/red	Z5050	A2	66.00
Color each 1x green/pink	Z505P	A2	66.00

Rubberized colored side elements
to protect PROFITEST MF

OTHER ACCESSORIES

Probe set



600 V CAT III test probes

Test probe set (red/black)
600 V CAT III

Working range of measuring tips 68 mm – diameter 2.3 mm

Type	Article	Code	€ excl. VAT
Probe set	Z503F	A2	79.00

Vario plug set



Three self-retaining test probes with touch protection for the connection of measurement cables with 4 mm banana plugs, or with touch protected plugs for sockets with an opening of 3.5 mm to 12 mm, e.g., CEE or Perilex sockets.

The test probes also fit the square PE jacks on Perilex sockets
Maximum permissible operating voltage: 600 V in accordance with IEC 61010

Type	Article	Code	€ excl. VAT
Vario plug set	Z500V	A1	167.00

A3-16 / A3-32 / A3-63



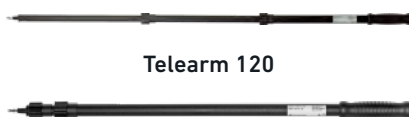
5-pole 3-phase current adapter

- For 16 A CEE outlets
- For 32 A CEE outlets

- For 63 A CEE outlets

Type	Article	Code	€ excl. VAT
A3-16	GTZ3602000R0001	A1	352.00
A3-32	GTZ3603000R0001	A1	388.00
A3-63	GTZ3604000R0001	A1	473.00

TELEARM 120/180



Telearm 120

Telearm 180

Telescopic rod / test probe extension for measuring PE and RISO,
120 cm / 180 cm

Type	Article	Code	€ excl. VAT
TELEARM 120	Z505C	A2	293.00
TELEARM 180	Z505D	A2	352.00

E-CLIP 2



Generator clamp for measuring ground loop resistance

- Generator clamp with laboratory safety plug inputs

Type	Article	Code	€ excl. VAT
E-Clip 2	Z591B	A2	578.00

CLAMP-ON CURRENT SENSOR



Clamp meter for measuring ground loop resistance

Type	Article	Code	€ excl. VAT
Clamp-on current sensor	Z225A	A2	823.00

OTHER ACCESSORIES

MEASUREMENT CABLE TR25 / TR50



Measurement cables

TR25 II: Reel with 25 m measurement cable

TR50 II: Drum with 50 m measurement cable

Type	Article	Code	€ excl. VAT
TR25 II	Z503X	A2	242.00
TR50 II	Z503Y	A2	293.00

ACCESSORIES FOR GROUNDING MEASUREMENTS

E-Set BASIC

Accessories for grounding measurements



MEASURING ACCESSORIES SET consisting of:

- 1x carrying pouch
- 2x ground spikes, 420 mm
- 1x 40 m measurement cable, blue, on cable reel
- 1x 20 m measurement cable, red, on cable reel
- 1x 2 m measurement cable, black
- 1x 2 m measurement cable, green
- 1x test clamp, black, with 4 mm socket
- 1x test clamp, black, with 4 mm socket

Type	Article	Code	€ excl. VAT
E-SET BASIC	Z593A	A2	598.00

PHOTOVOLTAICS

PROFITEST PV SUN MEMO

Test instrument for testing PV modules and strings with up to 1 000 V / 20 A in accordance with DIN VDE 0126 23



- Voltage measurement: 0...1 000 V_{DC}
- Current measurement (direct): 0...20 A_{DC}
- Insulation resistance measurement:
Measuring range: 0...20 MΩ, test voltages: 250 V / 500 V / 1 000 V_{DC}
- Polarity test
- Ground fault measurement: 0...1 000 V_{DC}
- Testing for protective conductor continuity: 0...10 Ω
- LCD multi-display with backlighting
- Internal memory for (10 000 measured values)
- Bidirectional interface
- Software and USB interface cable

Type	Article	Code	€ excl. VAT
PV SUN MEMO	M360D	A1	1,837.00

PROFITEST PV SUN-SOR

Sensor for irradiation, temperature and inclination



Type	Article	Code	€ excl. VAT
PV SUN-SOR	Z360N	A1	583.00

PROFITEST PV SUN Package

Consists of:

PROFITEST PV SUN MEMO and PROFITEST PV SUN-SOR



Type	Article	Code	€ excl. VAT
PV SUN Package	M360E	A1	2,309.00

PHOTOVOLTAICS

METRALINE PV 1500



Professional current clamp for measurement of DC and AC current in solar and industrial applications

- Large drop-shaped clamp for measuring on busbars
- AC/DC current measurement up to 1 000 A
- μ A measurement AC/DC
- Voltage measurement up to 1 000 VAC or 1 500 VDC
- Maximum safety thanks to CAT IV / 1 000 V
- TRMS measurement
- Resistance, capacitance, and frequency measurement
- Diode test and continuity test
- Non-contact voltage measurement
- LPF function (low-pass filter)
- Flashlight
- Illuminated display
- Automatic shutdown
- Self-test function

Type	Article	Code	€ excl. VAT
METRALINE PV 1500	M611N	B7	310.00

SEAWARD PV:1525 SEAWARD PV:1525-IV



Test instrument for testing PV modules and strings in accordance with DIN EN 62446-1 (VDE 0126-23-1)

- Measurement of open-circuit voltage V_{oc} up to 1 500 V DC
- Measurement of short-circuit current I_{sc} up to 25 A
- Insulation resistance voltage up to 1500 V DC
- Discharging at $U_{external}$ before insulation measurement
- Measurement of low-resistance continuity with 200 mA
- Compact, portable and lightweight – ideal for on-site use
- Intuitive, user-friendly menu navigation
- Bluetooth interface for updates
- PC software and app (Android & iOS) for data export and logging

SEAWARD PV:1525-IV, also includes:

- Characteristic curve measurement (IV curve)

Type	Article	Code	€ excl. VAT
SEAWARD PV:1525	601A911	A1	2,251.00
SEAWARD PV:1525-IV	601A916	A1	4,165.00

SEAWARD PV:1525 KIT SEAWARD PV:1525-IV Package Consists of:



- KIT: PV:1525 / Package: PV:1525-IV
- Set of 4 mm test probes (red, yellow, black) with alligator clips
- Set of device-to-MC4 test cables (yellow, black)
- Rechargeable battery
- Charging cradle
- PV:1500 clamp
- SS:200LR wireless irradiance meter
- Solar Survey – panel mounting bracket with quick release fastener
- Carrying pouch
- SolarCert (software-license)
- Calibration certificate

Type	Article	Code	€ excl. VAT
SEAWARD PV:1525 KIT	601A910	A1	3,023.00
SEAWARD PV:1525-IV Package	601A915	A1	4,913.00

PROFITEST PRIME

PROFITEST PRIME PROFITEST PRIME AC



All-in-one test device in AC and DC systems for initial and periodic testing of electrical systems, machines, switchgear, industrial equipment, wind turbines, power generators, and e-mobility for DIN VDE 0100-600, DIN VDE 0105-100, VDE 0113-1, VDE 0660-600-1, VDE 0126-23, and VDE 0122-1

- Intuitive operation
- Efficient work
- Standard-compliant testing
- Legally compliant documentation
- Only a single test instrument for a broad range of applications
- All measurements without any bothersome replugging of the measurement cables
- Interchangeable measuring tips on the measurement cables
- Cascadable, future-proof software concept
- Modern data management by means of customer and measurement data administration
- Creation of system structures – from the system all the way down to the measuring points
- Quick and easy generation of legally compliant reports in accordance with ZVEH
- Easy operation with rotary switch
- Predefined test sequences for structured testing
- Coded plugs assure error-free testing
- On-site help thanks to help function with wiring diagrams
- Measuring category: 600 V CAT III / 300 V CAT IV

Technical characteristics:

- Measurement in AC/DC systems up to 1 000 V
- Measurement of internal line resistance and fault loop resistance with high test current up to 690 V AC / 800 V DC without tripping RCD types A and B
- Low-resistance measurement for protective and equipotential bonding conductors with 200 mA, automatic polarity reversal and 25 A
- Testing of RCD types A, AC, F, B, B+, EV, MI, G/R, SRCDs, PRCDs
- Combined RCD test with continuously rising ramp, time to trip, tripping current
- Insulation measurement up to 1 000 V with rising ramp
- Testing of RCMs and IMDs
- Measurement of leakage and differential current
- Measurement of temperature and humidity with a sensor
- Mains and battery operation (with limited functionality)
- Push-print function – measured value transmission after measurement
- Bluetooth and USB interfaces

SCOPE OF DELIVERY:

- Test instrument in measuring case and accessory bag with measurement cables and alligator clips
- USB cable
- Mains cable
- Quick start guide, complete operating instructions for download from Internet
- DAkkS calibration certificate
- Safety data sheet
- **IZYTRONIQ BUSINESS Starter** – database software

Type	Article	Code	€ excl. VAT
PROFITEST PRIME	M516G	A5	4,925.00

PROFITEST PRIME AC – same as PROFITEST PRIME, plus:

- 2.5 kV AC, 500 VA high-voltage testing with PROFITEST PRIME AC (standard sequence, ramp function, and pulse control mode)
- Work safety concept for the inspector in accordance with DIN EN 50191 and EN 61557-14 with indicator lamp, emergency stop switch, and key switch as well as 2 high-voltage pistols



Type	Article	Code	€ excl. VAT
PROFITEST PRIME AC	M516H	A5	5,933.00

PROFITEST PRIME PACKAGES

STARTER PACKAGE PROFITEST PRIME



Consists of:

- **PROFITEST PRIME** – ALL-IN-ONE test device in AC and DC systems for electrical systems, machines, switchgear, industrial equipment, wind turbines, power generators, and e-mobility
- **TROLLEY** for PROFITEST PRIME case system
- **I-SK4** – Probe with “active L” 4-wire measuring technology, START/STOP/SAVE, 4 m connector cable, alligator clip with bayonet lock
- **IZYTRONIQ BUSINESS Starter** – database software

Type	Article	Code	€ excl. VAT
STARTER PACKAGE PROFITEST PRIME	M516K	A5	5,508.00

MASTER PACKAGE PROFITEST PRIME



Consists of:

- **PROFITEST PRIME** – ALL-IN-ONE test device in AC and DC systems for electrical systems, machines, switchgear, industrial equipment, wind turbines, power generators, and e-mobility
- **PRIME CASE** – Case with inner pocket and holder for trolley and accessories
- **TROLLEY** for PROFITEST PRIME case system
- **I-SK4** – Probe with “active L” 4-wire measuring technology, START/STOP/SAVE, 4 m connector cable, alligator clip with bayonet lock
- **PROFITEST CLIP** – Leakage current clamp meter for leakage or fault current starting at 0.1 mA, direct or differential current measurement up to 25 mA
- **IZYTRONIQ BUSINESS Advanced** – database software

Type	Article	Code	€ excl. VAT
MASTER PACKAGE PROFITEST PRIME	M516L	A5	6,484.00

PROFITEST PRIME PROFESSIONAL PACKAGE



Consists of:

- **PROFITEST PRIME** – ALL-IN-ONE test device in AC and DC systems for electrical systems, machines, switchgear, industrial equipment, wind turbines, power generators, and e-mobility
- **PRIME CASE** – Case with inner pocket and holder for trolley and accessories
- **TROLLEY** for PROFITEST PRIME case system
- **HV-P PROFITEST PRIME AC (2x)** – HV pistols for HV AC, 4 m connection cable
- **SIGNAL PROFITEST PRIME AC** – Signal lamp combination (red/green)
- **STOP PROFITEST PRIME AC** – Wired emergency stop switch
- **IZYTRONIQ BUSINESS Professional** – database software

Type	Article	Code	€ excl. VAT
PROFITEST PRIME PROFESSIONAL PACKAGE	M516M	A5	7,377.00

HV PACKAGE PROFITEST PRIME AC

Consists of:



- **HV-P PROFITEST PRIME AC (2x)** – HV pistols for HV AC, 4 m connection cable
- **SIGNAL PROFITEST PRIME AC** – Signal lamp combination (red/green)
- **STOP PROFITEST PRIME AC** – Wired emergency stop switch

Type	Article	Code	€ excl. VAT
HV PACKAGE PROFITEST PRIME AC	Z506Z	A3	1,028.00

PROFITEST PRIME ACCESSORIES



- **I-SK4/ I-SK12** – Probes with “active L” 4-wire measuring technology, START/STOP/SAVE, 4 m/12 m connector cable, alligator clip with bayonet lock
- **PROFITEST CLIP** – Leakage current clamp meter for leakage or fault current starting at 0.1 mA, direct or differential current measurement up to 25 mA

Type	Designation	Article Number	Code	€ excl. VAT
I-SK4	Probe with 4-wire measuring technology, 4 m	Z516T	A3	461.00
I-SK12	Probe with 4-wire measuring technology, 12 m	Z516U	A3	531.00
PROFITEST CLIP	Leakage current clamp meter	Z506H	A2	797.00

E-MOBILITY

PROFITEST H+E EASY CHECK



Function tester with automatic test sequence for testing AC electric charging points for correct functioning in accordance with IEC 61851-1

- Also suitable for those with no electronic expertise
- Program sequence through interaction with the operator
- Results: Test passed/failed
- Color display
- Internal memory
- Error display of statuses A, B, C with results for forwarding to service personnel
- Connection to AC electric charging stations with Type 2 socket or permanently attached Type 2 cable

Type	Article	Code	€ excl. VAT
PROFITEST H+E EASY CHECK	M525F	A2	1,665.00

PROFITEST H+E EXPERT CHECK



Diagnostics tester and test adapter for AC charging points in accordance with IEC 61851-1, VDE 0122-1

- Measured values shown in plain text on the color display
- Easy test sequence saves time and money
- Error display with results for forwarding to service personnel
- Also for AC charging points with permanently attached cable
- Intuitive operation

SCOPE OF DELIVERY: PROFITEST H+E EXPERT CHECK, charging cable (micro USB plug), operating instructions

Type	Article	Code	€ excl. VAT
PROFITEST H+E EXPERT CHECK	M525R	A2	2,085.00

METRALINE PRO-TYP EM I/II



METRALINE PRO-TYP EM I



METRALINE PRO-TYP EM II

1- and 3-phase test adapter with Type 2 plug for testing electric charging stations with PROFITEST MTECH+ IQ and MXTRA IQ

Vehicle simulation (CP)

- Vehicle states A through E are selected with a rotary switch

Cable simulation (PP)

- The various codings for charging cables with 13, 20, 32 and 63 A, as well as "no cable connected", can be simulated via a rotary switch

Fault simulation

- Simulation of a short-circuit between CP and PE via a rotary switch

Display of phase voltages via LEDs

- Depending on the electric charging station, either one or three phases can be active

Testing of electric charging stations with permanently attached charging cable by means of an extended CP test pin

EM I with Type 2 plug

EM II with Type 2 plug and additional grounded socket

Type	Article	Code	€ excl. VAT
METRALINE PRO-TYP EM I	Z525F	A2	598.00
METRALINE PRO-TYP EM II	Z525G	A2	634.00

E-MOBILITY

PROFITEST E-Mobility



Adapter for standard-compliant testing of 1- and 3-phase charging cables Mode 2 and 3 as well as manufacturer's specifications, together with PROFITEST M-XTRA/MTECH+ or SECUTEST PRO

- Function test, i.e., tripping test by simulating the following faults: interruption, reversed wires and PE to phase
- Measurement of protective conductor current with clamp-on current transformer as an optional accessory
- Measurement of protective conductor and insulation resistance in accordance with DIN VDE 0701-0702 with a recommended test instrument
- Tripping test of a possible ICCB in the charging cable with nominal residual current and measurement of the tripping time with a recommended test device
- Evaluation and documentation of the individual test steps with a recommended test instrument
- Simulation of the vehicle state in accordance with EN 61851-1/VDE 0122-1
- Testing of the resistance coding for vehicle inlets/plugs in accordance with EN 61851-1/VDE 0122-1

SCOPE OF DELIVERY:

- Test adapter in case
- Power cord
- Operating Instructions

Type	Article	Code	€ excl. VAT
PROFITEST E-MOBILITY	M513R	A3	2,484.00

Type	Designation	Article Number	Code	EURO excl. VAT
CC-7-16	CEE 16 A socket to 7-pole plug, 500 mm, 300 V CAT II	Z513G	A3	184.00
CC-7-32	CEE 32 A socket to 7-pole plug, 500 mm, 300 V CAT II	Z513H	A3	199.00
Connecting cable 16	Adapter cable with CEE plug, 5-pole, 16 A, and 4 mm safety plug	Z570B	A2	368.00
Connecting cable 32	Adapter cable with CEE plug, 5-pole, 32 A, and 4 mm safety plug	Z570C	A2	384.00
Connecting cable-63	Adapter cable with CEE plug, 5-pole, 63 A, and 4 mm safety plug	Z570D	A2	514.00

PROFITEST H+E CABLE



Tester for standard-compliant testing of charging cables

- Automatic test sequences in accordance with manufacturer's specifications
- Manufacturer database
- Individual testing by qualified electricians, password-protected
- Allows connection of keyboard, barcode and QR code reader for input
- Direct connection of Mode 2 / 3 charging cables
- Testing of 1- and 3-phase charging cables
- Mobile use – testing can be carried out directly at any location
- Intuitive operating concept
- Greater efficiency thanks to test sequences according to manufacturer's specifications
- Connection of a keyboard, barcode reader, or QR code reader for easy data entry
- Printout of the test report on site

SCOPE OF DELIVERY:

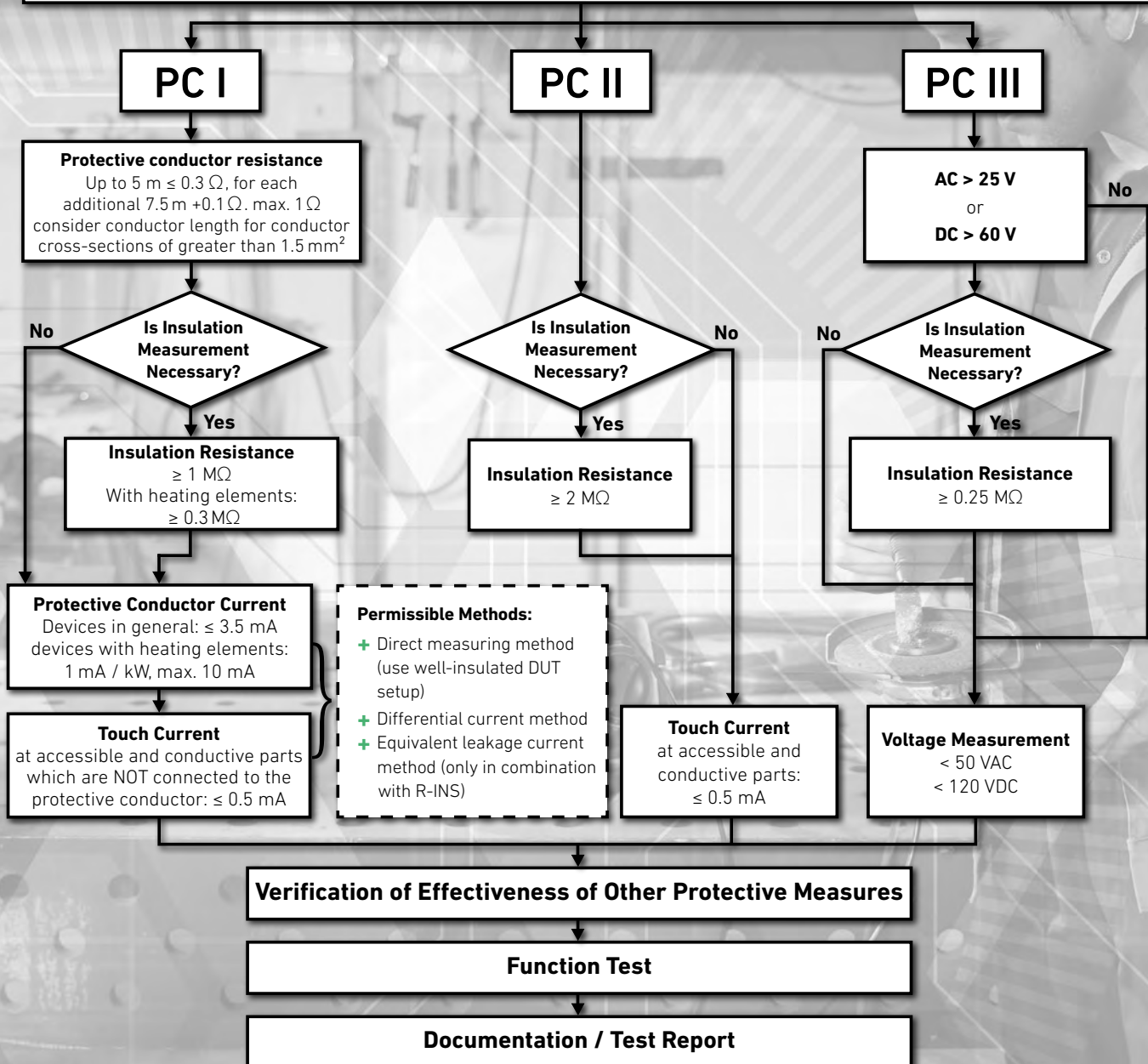
PROFITEST H+E CABLE, grounded CEE 32 A adapter, grounded CEE 16 A adapter, grounded Camping CEE 16 A blue adapter, power cord, roll of thermal paper for printer, factory calibration certificate, quick start guide in German and English

Type	Article	Code	€ excl. VAT
PROFITEST H+E CABLE	M525K	C2	4,882.00

VISUAL INSPECTION

- + Damage and defects in connector cables, insulation, cord guard and strain relief
- + Selection of plugs in accordance with requirements
- + Condition of mains plug, connection terminals and wires
- + Condition of mounting hardware, cable retainers, accessible fuse holders etc.
- + Damage to the housing or protective covers

- + Signs of overloading
- + Signs of unauthorized tampering, operation and use
- + Impermissible contamination, corrosion, aging
- + Contamination, blocked cooling vents
- + Condition of air filters, tanks and pressure relief valves
- + Operability of switches, as well as control and setup devices etc.
- + Legibility of all safety-related labeling and symbols



TEST SEQUENCES PER DIN EN 50678

WWW.GOSSENMETRAWATT.COM

SECUTEST

Important: The new SECUTEST ST generation of test instruments communicates exclusively with the IZYTRONIQ software. It is therefore not possible to integrate these test instruments into existing software solutions, including those from third-party providers.

If you want to integrate your existing master data from ETC or GMST into IZYTRONIQ, you can use the NEXONIQ data converter (page 33). Data migration from other software products or different master data is possible as a service.

Please contact Support@gossenmetrawatt.com **for this.**

SECUTEST ST PRO / ST PRO BT Comfort

Test device for measuring the electrical safety of devices in accordance with DIN EN 50678/50699 (DIN VDE 0701-0702), DIN VDE 0544-4 / IEC 60974-4, and DIN VDE 0751 / IEC 62353



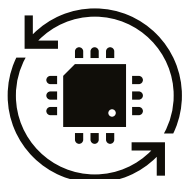
- SINGLE FAULT CONDITIONS MEASUREMENT
- Input field for next test (DIN EN 50678 requirement)
- One of the fastest test instruments on the market
- Quick testing thanks to short, optimized test cycles
- Revolutionary data management and storage concept for automatic test sequences and individual measurements for up to 50 000 data records
- 8 pre-programmed test sequences for performing standard test tasks for electrical devices, medical devices, and welding equipment, 1 freely programmable test sequence for special test tasks
- Performing a manual test sequence by storing individual measurements for testing complex devices
- Unique multiple measurement permits convenient recording of several measuring points
- Comprehensive, legally compliant creation of test reports and data management
- Groundbreaking operating concept with double rotary switch, direct selection buttons, and softkeys
- Testing of extension cords and PRCDs
- Automatic test object connection and protection class detection
- Adjustable test current ± 200 mA or 10 A_{AC}
- Compact, impact resistant housing with integrated rubber protector
- Touchscreen
- Voltage measuring input
- Database expansion
- Bluetooth (SECUTEST ST PRO BT Comfort)
- Comfort database (SECUTEST ST PRO BT Comfort)

SCOPE OF DELIVERY:

Test device, power cord, 2 m untwisted test probe, USB cable, clip-on crocodile clip, IZYTRONIQ BUSINESS Starter database software, DAkkS calibration certificate worth €310

Type	Article	Code	€ excl. VAT
SECUTEST ST PRO	M707B	A1	3,817.00
SECUTEST ST PRO BT Comfort	M707C	A1	4,304.00

FIRMWARE UPDATE



SECUTEST ST BASE / BASE10 / PRO – Activation of test sequences

- EN 50678 / VDE 0701 (testing electrical devices after repair)
- EN 50699 / VDE 0702 (periodic testing of electrical devices)
- IEC 62368 / EN 62368 / VDE 0850-1 (product standard as basis for testing after repair of audio/video equipment and information technology devices)
- IEC 62911 / EN 62911 / VDE 0850-911 (production standard as basis for testing after repair of audio/video equipment and information technology devices)

Type	Article	Code	€ excl. VAT
UPDATE EN 50678 / 50699	Z853U	A1	285.00

SECUTEST PACKAGES

Important: The new SECUTEST ST generation of test instruments communicates exclusively with the IZYTRONIQ software. It is therefore not possible to integrate these test instruments into existing software solutions, including those from third-party providers.

If you want to integrate your existing master data from ETC or GMST into IZYTRONIQ, you can use the NEXONIQ data converter (page 33). Data migration from other software products or different master data is possible as a service.

Please contact Support@gossenmetrawatt.com for this.

SECUTEST LEMONGREEN

Consists of:



- **SECUTEST ST BASE10 DB+ Comfort**
- **Barcode scanner with USB connection:** for identifying devices and system components
- **EL1:** Adapter for testing single-phase extension cords
- **F2000:** Universal carrying pouch for SECUTEST BASE and accessories
- **IZYTRONIQ BUSINESS Professional database software**

Type	Article	Code	€ excl. VAT
SECUTEST LEMONGREEN	M708E	A1	3,177.00

SECUTEST ST PRO PROFESSIONAL PACKAGE

Consists of:



- **SECUTEST ST PRO**
- **EL1:** Adapter for testing single-phase extension cords
- **SORTIMO L-BOXX:** System case with interior compartments for SECUTEST PRO and accessories
- **2x SK2:** 2 m probe cable
- **Barcode scanner with USB connection:** for identifying devices and system components
- **IZYTRONIQ BUSINESS PROFESSIONAL database software**

Type	Article	Code	€ excl. VAT
SECUTEST ST PRO PROFESSIONAL PACKAGE	M708B	A1	5,329.00

SECUTEST ST PRO Comfort Package

Consists of:



- **SECUTEST ST PRO BT Comfort**
- **EL1:** Adapter for testing single-phase extension cords
- **SORTIMO L-BOXX:** System case with interior compartments for SECUTEST PRO and accessories
- **2x SK2:** 2 m probe cable
- **Barcode scanner with USB connection:** for identifying devices and system components
- **IZYTRONIQ BUSINESS PROFESSIONAL database software**

Type	Article	Code	€ excl. VAT
SECUTEST ST PRO Comfort Package	M708C	A1	5,571.00

3P/WELDING PACKAGE SECUTEST ST PRO

Consists of:



- **SECUTEST ST PRO**
- **EL1:** Adapter for testing single-phase extension cords
- **SECULOAD-N:** Adapter for arc welding equipment
- **2x SK2:** 2 m probe cable
- **Barcode scanner with USB connection:** for identifying devices and system components
- **Adapter AT16-DI:** Adapter for active testing of 16A 3-phase devices
- **Adapter cable CEE16/32:** 5-pole plug to 5-pole coupling
- **2x SORTIMO L-BOXX:** one system case for SECUTEST, one system case for adapters
- **IZYTRONIQ BUSINESS PROFESSIONAL database software**

Type	Article	Code	€ excl. VAT
3P/WELDING PACKAGE SECUTEST ST PRO	M708D	A1	6,929.00

ADAPTERS

SECUTEST BASE (10) / PRO

SECUTEST CLIP



EL 1

Leakage current clamp meter for testing protective conductor currents on permanently installed devices together with SECUTEST PRO

Leakage currents can be measured using the following methods:

- Direct method – clamp around the protective conductor

- Differential current method – clamp around L and N (also for three-phase devices)

Type	Article	Code	€ excl. VAT
SECUTEST CLIP	Z745H	A2	850.00

Adapter



Adapter for testing single-phase extension cords and IEC connectors

Type	Article	Code	€ excl. VAT
EL 1	Z723A	A1	347.00

3-Phase Current Adapter AT16-DI / AT32-DI



Active testing of 3-phase devices 16/32A together with SECUTEST BASE 10 / PRO

For fast and efficient testing of devices equipped with a 5-pole CEE plug 16A/6h or 32A/6h.

Test options:

- Insulation test

- Protective conductor continuity test
- Equivalent leakage current measurement
- Differential current measurement, L1-L2-L3-N
- Function test

Type	Article	Code	€ excl. VAT
AT16-DI	Z750A	A2	1,071.00
AT32-DI	Z750B	A2	1,381.00

VL2 E



Testing of 3-phase extension cables, including testing of phase angle together with SECUTEST BASE 10 / PRO

- For testing in accordance with DIN VDE 0701-0702 without line voltage on single- and three-phase electrical devices
- For testing in accordance with DIN VDE on single- and three-phase extension cords

- As an expansion for all test instruments in accordance with DIN VDE, such as
 - METRATESTER 5-3P test case
 - SECUTEST 21F test panel
 - MINITEST ..., METRATESTER ..., SECUTEST S2 / BASE ... or SECUSTAR FM test instruments

Type	Article	Code	€ excl. VAT
VL2 E	Z745W	A2	1,039.00

AT3-III E Safety Tester



Adapter for active and passive testing of 16/32 A 3-phase devices and extension cables together with SECUTEST PRO

- Testing of protective conductor and insulation resistance, equivalent leakage current, differential current, touch current, and much more
- Connection of single- and 3-phase devices and extension cables without replugging the test objects in operating modes with and without mains power via the test sockets and test plugs of the AT3-III
- Function test up to 16/20 A rated current

- Prevention of short-circuits and blown mains fuses during testing of defective single- and 3-phase extension cables
- Safety provided by electronic monitoring of residual current with shutdown of faulty test objects if the residual current exceeds 20 mA, with optical fault message

Type	Article	Code	€ excl. VAT
AT3-III E Safety Tester	Z745S	A2	2,792.00

ADAPTERS

SECULOAD N



Adapter for testing arc welding equipment, ideal in combination with SECUTEST PRO

In combination with a voltmeter, the test adapter is used for testing welding units in accordance with EN 60974-4:2007

Type	Article	Code	€ excl. VAT
SECULOAD N	Z745R	A2	578.00

ACCESSORIES

Z751A / Z721D

Barcode reader / barcode printer



Barcode reader



Barcode printer

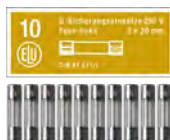
Barcode reader (scanning of 1D and 2D codes, e.g., QR codes) with USB connection

Barcode and label printer including software for PC connection

RFID reader/writer with USB connection (frequency: 13.56 MHz, standard: ISO 15693)

Type	Article	Code	€ excl. VAT
Barcode reader	Z751A	A2	814.00
Barcode printer	Z721E	A2	861.00
SCANBASE RFID	Z751E	A9	893.00

Fuses



SECUTEST fuse set consisting of 10 micro fuses

Type	Article	Code	€ excl. VAT
SECUTEST fuse set	Z747A	A2	16.00

Pouches and Cases



F2000



F2010



F2020



SORTIMO L-BOXX



FOAM SECUTEST



FOAM Adapter

- **F2000** – Universal carrying pouch
Dimensions: 380 x 310 x 200 mm
- **F2010** – Universal carrying pouch with flexible interior compartments suitable for VL2E
- **F2020** – Large universal carrying pouch
Dimensions: 430 x 310 x 300 mm
- **SORTIMO L-BOXX** – Plastic system case
- **FOAM SECUTEST** – Foam insert for SORTIMO L-BOXX
- **FOAM Adapter** – Foam insert for SORTIMO L-BOXX, suitable for AT16-DI, AT32-DI adapters or SECULOAD N

Type	Article	Code	€ excl. VAT
F2000	Z700D	A1	251.00
F2010	Z700G	A2	314.00
F2020	Z700F	A3	378.00
SORTIMO L-BOXX	Z503D	A2	242.00
FOAM SECUTEST	Z701D	A2	132.00
FOAM Adapter	Z701E	A2	132.00

Probes and Sensors



- **SK2** – Probe with test probe and 2 m probe cable (untwisted)
- **SK2W** – Probe with test probe and 2 m probe cable (twisted)
- **SK5 – 10/25 A** – Probe with test probe and 5 m probe cable (untwisted)
- **Brush probe** – Probe for measuring the protective conductor on rotating test objects, for example
- **WZ12C** – Clamp-on current sensor: 1 mA...15 / ... 150 A AC switchable

Type	Article	Code	€ excl. VAT
SK2	Z745D	A2	121.00
SK2W	Z745N	A1	136.00
SK5 – 10/25 A	Z746C	A3	184.00
Brush probe	Z745G	A1	146.00
WZ12C	Z219C	A1	312.00

METRACHECK

METRACHECK

SECUTEST/PROFITEST service package with a term of 36/60 months



METRACHECK 36|60

The Metracheck service package guarantees repair, adjustment, final testing, and calibration of your test instrument within a maximum processing time of 7 days. This significantly reduces downtime and enables continuous availability and better planning.

YOUR ADVANTAGES:

+ All-in-one coverage	Repair, adjustment, calibration (according to your calibration interval – e.g., annually), and final inspection included . Everything exactly according to manufacturer's specifications: Including DAkkS-accredited calibration, testing in accordance with DGUV Regulation 3, and safety testing for maximum precision.
+ Guaranteed 7-day processing	Back in service quickly – without long downtimes.
+ Optimized life cycle costs	Fixed service costs for the entire term of 36 or 60 months – no surprises, full transparency.
+ Efficient test equipment management	With the IZYCHECK.IQ portal, you can keep track of everything – including a reminder service and live status updates accurate to the minute.
+ Maximum operational readiness	Firmware updates, battery packs, and backup batteries included – for reliable operation and long-term device performance throughout the entire service life.

INCLUDED SERVICES VS. STANDARD ADDITIONAL COSTS:

Power	With METRACHECK 60	Without METRACHECK
Calibration	✓ included	approx. €2000
Repairs	✓ included	approx. €500
Backup batteries & updates	✓ included	approx. €300
Return shipping, management, etc.	✓ included	approx. €150



Type	Article	Code	€ excl. VAT
METRACHECK 36	Z400B	A9	1,215.00
METRACHECK 60	Z400D	A9	2,340.00

SOFTWARE

IZYTRONIQ



Testing software that allows you to map, manage, and document the entire testing process across all devices (installation, device, and machine testers) in an audit-proof manner

- **INTELLIGENT** – IZYTRONIQ is revolutionizing the way we work with test equipment
- **SECURE** – audit-proof test documentation
- **EFFICIENT** – Tests documented quickly
- **SIMPLE** – Intuitive operation, simple and easy to understand
- **FLEXIBLE** – Can be expanded retrospectively with different upgrade levels, offering users a solution tailored to their requirements

Type	Article	Code	€ excl. VAT
BUSINESS Starter	S101V	A3	268.00
BUSINESS Advanced	S102V	A3	457.00
BUSINESS Professional	S103V	A3	835.00
BUSINESS Premium	S105V	A3	1,218.00
UPGRADE BUSINESS Starter → Advanced	S102X	A3	263.00
UPGRADE BUSINESS Advanced → Professional	S103X	A3	394.00
UPGRADE BUSINESS Starter → Professional	S103R	A3	650.00
UPGRADE BUSINESS Starter → Premium	S110V	A3	1,028.00
UPGRADE BUSINESS Advanced → Premium	S111V	A3	777.00
UPGRADE BUSINESS Professional → Premium	S112V	A3	394.00

IZYTRONIQ

You'll find a detailed description of the software on our website
www.izytroniq.de

Functions	Starter	Advanced	Professional	Premium
Stationary objects (machines and systems)	■	■	■	■
Portable objects (equipment and medical devices)	■	■	■	■
Tree structure for machines and systems	■	■	■	■
Tree structure for equipment and medical devices	■	■	■	■
Tree structure for locations (properties, buildings, floors and rooms)	■	■	■	■
Push-print	■	■	■	■
Test instrument management	■	■	■	■
User management	■	■	■	■
Sequence management and sequence editor	■	■	■	■
Catalog management and editing	■	■	■	■
Universal report as PDF file	■	■	■	■
List generator (PDF, Excel)	■	■	■	■
Individualized report template generation with Microsoft Word®		■	■	■
Company logo can be integrated into report		■	■	■
Scanned signature can be integrated into report		■	■	■
Barcode generator		■	■	■
PROFISCAN list generator		■	■	■
Remote function			■	■
Manual entry of measured values			■	■
Images/photos can be integrated into test reports			■	■
Document management			■	■
MULTI changes			■	■
Dashboard function in home screen			■	■
Quick links			■	■
Analysis and trending for identical tests conducted on a given object			■	■
PDF printout with global statistics including failure rate as percentage			■	■
Role and rights management for users				■
Window designer and data field editor for individualizing the application				■

SOFTWARE

NEXONIQ



Data converter for test instruments and ETC files

NEXONIQ is a universal interface and data converter for IZYTRONIQ. As an optional expansion module for IZYTRONIQ, NEXONIQ enables the test device memory to be read out while simultaneously converting the master data into the IZYTRONIQ XML format.

In addition, existing ETC files can be converted and transferred to IZYTRONIQ.

The Excel file conversion feature allows master data from existing Excel files to be converted to IZYTRONIQ XML files using import rules. Existing GMST software customers can also convert existing data from the GMST database to IZYTRONIQ XML files at the touch of a button.

Type	Article	Code	€ excl. VAT
NEXONIQ	Z957A	A3	310.00

List of connected test instruments:

SECUTEST SIII	SECUTEST SI Module	PROFITEST MPRO (firmware < 3.0)
SECUTEST SIII+	SECUTEST SI+ Module	PROFITEST MXTRA (firmware < 3.0)
SECUTEST SIII+H	PROFITEST MTECH	METRISO PRIME 10
SECUTEST S2N	PROFITEST MBASE	GEOHM XTRA
SECUTEST S2N+10	PROFITEST MBASE+ (firmware < 3.0)	GEOHM PRO
SECUTEST PSI Module	PROFITEST MTECH+ (firmware < 3.0)	PROFITEST PV SUN MEMO

IZYTRONIQ CRAFTSMAN PACKAGE

DIGITAL IQ for the electrical trade

From now on, you have an unbeatable competitive advantage



Full order books always mean a lot of communication – from customer inquiries and team meetings to documentation and coordination. Perfect processes are especially important in the electrical trade.

Whether you are looking to install new systems or modernize existing ones, e-mobility, energy efficiency, or smart building technology – our digital solutions help you to effectively implement your tasks and give you decisive competitive advantages.

Note: There are no offers and no orders through Gossen Metrawatt GmbH. The contractual partner is MCS Metra Cloud Services GmbH (a joint project of Gossen Metrawatt GmbH and audius GmbH).

Subscription costs from €24.90 per month, depending on the term and scope of services

For further information + direct ordering go to: <https://www.gossenmetrawatt.cloud/elektriker>



OTHER DIN EN 50699 (VDE 0702), DIN EN 50678 (VDE 0701) TEST INSTRUMENTS

APOLLO 600+



Test instrument for electrical safety in accordance with DIN VDE 0702

- LCD color graphic display
- Protective contact socket and menu navigation in German
- Automatic test sequences in accordance with EN 50679/ DIN VDE 0702
- Customizable test sequences (memory for up to 100 sequences)
- Data transfer (download and upload)
- Includes PATGuard3 Elite 1-year license

SCOPE OF DELIVERY:

APOLLO 600+, storage pouch, 2x measuring cables (rd & bl) 1.2 m long, 2x measuring tips (rd & bl), 2x clip-on crocodile clips (rd & bl), 0.5 m IEC cable (bl), Apollo Check Box (for self-checking), USB cable, USB A to USB B, UKAS calibration certificate, PATGuard3 Elite 1-year license

Elite Kit also includes:

Test n Tag Elite 2 (label printer), 2D Elite scanner, 2x labels / Test n Tag Elite 2 (52 × 25 mm), 2x labels / Test n Tag Elite 2 (52 × 74 mm), and Apollo Kit pouch

Type	Article	Code	€ excl. VAT
APOLLO 600+	M711B	A1	1,985.00
APOLLO 600+ Elite Kit	M711C	A1	3,824.00

METRATERESTER 5+



DIN EN 50699 (VDE 0702), DIN EN 50678 (VDE 0701) test instrument

Measurement of:

- Protective conductor resistance, insulation resistance, touch current
- Protective conductor current: Substitute leakage current and differential current method
- Line voltage and load current

- Large digital LCD display of the measured values
- Exceeded limit values are indicated optically and, in some cases, acoustically
- **Factory calibration certificate** worth **€166** included

Type	Article	Code	€ excl. VAT
METRATERESTER 5+	M700D	A1	1,066.00

METRATERESTER 5+3P



Transportable workshop test panel for testing devices in accordance with DIN EN 50699 (VDE 0702) and DIN EN 50678 (VDE 0701)

- For testing single-phase and three-phase devices
- Extensive equipment with plug connectors up to CEE 32
- Compact, stable, and lockable aluminum frame case
- Complies with guidelines for workshop equipment for electrical installation companies

Type	Article	Code	€ excl. VAT
METRATERESTER 5+3P	M700K	A1	3,292.00

PHOTOMETRY

MAVO-SPOT 2 USB



Class B luminance meter

- Spot measurement with 1° measuring angle
- Reflex viewfinder with 1° measuring circle and a 15° field of view
- Distance measurement from 1 m to ∞, with optional close-up lens starting at 34 cm
- Comparison and ratio measurement for uniformity, contrast, deviation
- Contact measurement with optional measuring probe and adapter disc
- Recording, display, and storage of measured values via GLUX 2 software
- Meters and calibration from a single source!

Type	Article	Code	€ excl. VAT
MAVO-SPOT 2 USB	F508G	B4	2,624.00

MAVOSPEC BASE



Spectrometers

- Configurable measured value display
- Excellent temperature-compensated measurement stability
- Large 4 GB measured value memory, readable via USB like an external drive on a PC
- Continuous operation via USB with power bank, adapter, or on a PC
- EXCEL macros for documentation and data logging
- Meters and calibration from a single source!

Type	Article	Code	€ excl. VAT
MAVOSPEC BASE	F521G	B4	2,404.00

MAVOLUX 5032 B – KIT



Class B luxmeter

- High-resolution measuring range for emergency lighting
- Easy function extension with optional luminance attachment
- Grid measurement for assessing workplaces and indoor lighting
- Extensive measuring functions: relative, integral, deviation, and ratio measurement
- Recording of minimum, maximum, and average values
- Data logger with adjustable logging interval
- Large 4 GB measured value memory, readable via USB like an external drive on a PC
- Continuous operation via USB with power bank, adapter, or on a PC
- EXCEL macros for documentation and data logging
- Meters and calibration from a single source!

Type	Article	Code	€ excl. VAT
MAVOLUX 5032 B – KIT	M535G	B4	1,364.00

BATTERY TESTING TECHNOLOGY

METRACELL BT PRO

Mobile and multifunctional tester for evaluating and maintaining battery systems and uninterruptible power supplies (UPS)



Voltage, as well as electrical and electrochemical resistance of battery blocks can be determined with the METRACELL. Discharge tests are possible by recording the discharge current and voltage curve.

- Suitable for all battery types
- Capacity test of the battery/battery blocks
- Highly accurate internal resistance measurement of battery blocks by recording the electrical and electrochemical internal resistance – SoH determination
- Voltage measurements at battery, block, and connector level
- Measurement of charging and discharging currents
- Temperature measurement
- Recording of acid density values possible
- Standard-compliant testing
- Legally compliant documentation
- Recording of test objects via RFID tag possible
- Very fast voltage measurements through cross measurement possible
- Compact and impact-resistant due to ABS housing with rubber holster

- Database software for test object and measured value management
- Extensive analysis options
- Battery operation: up to 10 hours of operation
- Large internal memory: storage of up to 300 000 data records
- Software included: display, storage, and documentation of all measured values
- Data transfer: transfer of battery databases possible
- Bluetooth interface

SCOPE OF DELIVERY:

- Test instrument in measuring case
- Battery charger
- Multimeter measurement cables
- Alligator clips for CAP tests
- Kelvin probes for 4-wire measurement
- Database software
- Calibration certificate

Type	Article	Code	€ excl. VAT
METRACELL BT PRO	B100B	A9	3,518.00

OPTIONAL ACCESSORIES:

- **CP330 / CP1800**
Clamp-on current sensor for measuring current flows up to 300 A DC or 1 250 A DC
- **METRATHERM IR BASE**
Temperature sensor for determining the block temperature
- **Z227W**
Angled Kelvin probes for 4-wire internal resistance measurement

Type	Article	Code	€ excl. VAT
CP330	Z202B	A2	568.00
CP1800	Z204A	A1	480.00
METRATHERM IR BASE	Z680A	A1	168.00
Z227W	Z227W	A1	357.00



CP330 / CP1800

Z227W

ENERGY ANALYZERS

HDPQ PLUS



Class A power quality analyzer series with touchscreen, transient recorder (up to 1 μ s), and 400 Hz monitoring capability!

The energy and power disturbance analyzers included in the HDPQ Plus series are setting new standards for power quality analysis and monitoring. With the most advanced technology, a user-friendly design and an extensive range of functions, the instruments provide reliable insights into electrical systems and help to quickly identify and efficiently analyze power quality problems. Whether voltage dips, surges, harmonics, or transients – HDPQ Plus devices deliver accurate measurements in accordance with international standards such as IEC 61000-4-30 Class A.

The standard scope of delivery consists of:

- HDPQ Plus PQ analyzer incl. rechargeable battery
- Power pack 100–240 V AC
- Measuring cable set consisting of 8x measuring cables, 8x alligator clips, 4x jumper cables and cable markers
- Ethernet cable
- Carrying pouch
- Factory calibration certificate

Depending on the set selected, additional current sensors are included.

Type	Article	€ excl. VAT
HDPQ PLUS	HDPQ-	depends on configuration

LINUX PQ5000-MOBILE



Three-phase mobile energy and network disturbance analyzer in accordance with IEC 61000-4-30 (Class A)

- Simple, device-independent initial start-up and configuration via web browser
- No additional software required thanks to integrated power quality reporting function
- Integrated Wi-Fi
- Lockable, waterproof case (IP65)
- Measuring category: 600 V CAT III / 300 V CAT IV
- time synchronization via GPS (optional) and NTP
- Sampling rate: 18 kHz
- GPS time synchronization
- Uninterruptible power supply

SCOPE OF DELIVERY:

Device with Wi-Fi, web browser, 5 voltage measurement cables incl. dolphin clamps, plug-in power supply, carrying pouch, device manual

Measuring channels & measuring probes						Evaluation of oscillation emission			Article	Code	EURO excl. VAT
4 current clamps 10 A / 1 V	4 current clamps 100 A / 1 V	4 current clamps 1 000 A / 1 V	4 current clamps 1 A / 1 V	4 current clamps 5 A / 1 V	4-way Rogowski transducer, 2 000 A	None	With				
–	–	–	–	–	■	■	–		193113	A4	4,822.00
–	–	–	–	–	■	–	■		193121	A4	5,357.00
■	–	–	–	–	–	■	–		193129	A4	4,366.00
–	■	–	–	–	–	■	–		193137	A4	4,366.00
–	–	■	–	–	–	■	–		195017	A4	6,307.00
–	–	–	■	–	–	■	–		195025	A4	6,026.00
–	–	–	–	■	–	■	–		195033	A4	6,307.00
■	–	–	–	–	–	–	■		195041	A4	4,901.00
–	■	–	–	–	–	–	■		195049	A4	4,901.00
–	–	■	–	–	–	–	■		195057	A4	6,840.00
–	–	–	■	–	–	–	■		195065	A4	6,560.00
–	–	–	–	■	–	–	■		195073	A4	6,840.00

MID-CERTIFIED ENERGY METERS



Suitable for billing

- **SPACE-SAVING** – Ultra-compact design with a space requirement of only 4 TE (72 mm)
- **QUICK INSTALLATION** – Due to error detection with color change on the display
- **INTEGRABLE** – Versatile connection via LON, M-BUS, Modbus RTU, Modbus TCP, or BACnet
- **PRECISE** – Accuracy class B for industry and commerce as well as increased requirements for household uses
- **VERSATILE** – Recording of energy consumption and output as well as multifunctional measured variables
- **LEGALLY COMPLIANT** – MID certification and certified meter reading profile (PTB-A 50.7) for third-party volume recording

EM2289

Energy meter from the ENERGYMID series – direct connection 5 (80) A



U2289

Direct connection, 5(80) A, Class B, MID, standard	Standard	Code	EURO excl. VAT
4-wire system, 3 x 230 / 400 V, programmable S0 pulse rate	U2289-V012	B9	264.00
4-wire system, 3 x 230 / 400 V, M-Bus	U2289-V014	B9	348.00
4-wire system, 3 x 230 / 400 V, TCP/IP (Modbus/BACnet)	U2289-V017	B9	418.00
4-wire system, 3 x 230 / 400 V, Modbus RTU	U2289-V018	B9	348.00
Direct connection, 5(80) A, class B, MID, multifunctional	Multifunctional (M1)	Code	EURO excl. VAT
4-wire system, 3 x 230 / 400 V, programmable S0 pulse rate	U2289-V022	B9	300.00
4-wire system, 3 x 230 / 400 V, M-Bus	U2289-V024	B9	384.00
4-wire system, 3 x 230 / 400 V, TCP/IP (Modbus/BACnet)	U2289-V027	B9	453.00
4-wire system, 3 x 230 / 400 V, Modbus RTU	U2289-V028	B9	384.00
4-wire system, 3 x 230 / 400 V, LPWAN supporting the LoRaWAN® protocol	U2289-V039	B9	348.00
4-wire system, 3 x 230 / 400 V, Modbus TCP meter reading profile	U2289-V047	B9	538.00

U2387/U2389

Energy meter from the ENERGYMID series – transformer connection 1/5 (6A)



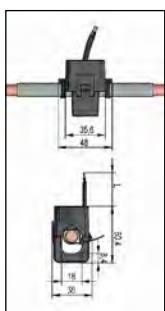
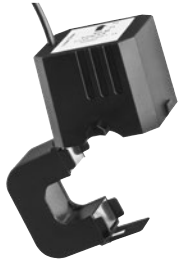
U2389

Transformer connection, 5(6) A and 1(6) A, Class B, MID	Standard	Code	EURO excl. VAT
3-wire system, 3 x 400 V, programmable CT / VT, programmable pulse rate	U2387-V012	B9	264.00
Transformer connection, 5(6) A and 1(6) A, Class B, MID	Multifunctional (M1)	Code	EURO excl. VAT
3-wire system, 3 x 400 V, programmable CT / VT, programmable pulse rate	U2387-V022	B9	300.00
Transformer connection, 5(6) A and 1(6) A, Class B, MID	Standard	Code	EURO excl. VAT
4-wire system, 3 x 230 / 400 V, programmable CT / VT, programmable S0 pulse rate	U2389-V011	B9	251.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, M-Bus	U2389-V015	B9	333.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, TCP/IP (Modbus/BACnet)	U2389-V017	B9	404.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, Modbus RTU	U2389-V018	B9	333.00
Transformer connection, 5(6) A and 1(6) A, Class B, MID	Multifunctional (M1)	Code	EURO excl. VAT
4-wire system, 3 x 230 / 400 V, programmable CT / VT, programmable S0 pulse rate	U2389-V021	B9	286.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, M-Bus	U2389-V025	B9	369.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, TCP/IP (Modbus/BACnet)	U2389-V027	B9	438.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, Modbus RTU	U2389-V028	B9	369.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, supporting the LoRaWAN® protocol	U2389-V039	B9	333.00
4-wire system, 3 x 230 / 400 V, programmable CT / VT, Modbus TCP, certified meter reading profile	U2389-V047	B9	524.00

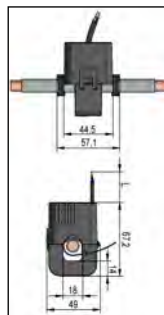
For additional variants, please refer to the data sheet or contact us.

CURRENT TRANSFORMERS

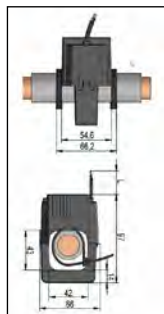
Split-Core Current Transformer



SC30



SC40-B



SC50-E

	Type	Article	Code	€ excl. VAT
SC30	Cable conversion current transformer SC30, 60/1 A, Ø 18 mm; Class 3; 0.2 VA; cable length 3 m, 0.5 mm ²	U118A	E0	77.00
	Cable conversion current transformer SC30, 100/1 A, Ø 18 mm; Class 3; 0.2 VA; cable length 3 m, 0.5 mm ²	U118C	E0	77.00
	Cable conversion current transformer SC30, 200/1 A, Ø 18 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U118F	E0	86.00
SC40-B	Cable conversion current transformer SC40-B, 100/1 A, Ø 18 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U118H	E0	86.00
	Cable conversion current transformer SC40-B, 125/1 A, Ø 18 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U118I	E0	86.00
	Cable conversion current transformer SC40-B, 150/1 A, Ø 18 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U118J	E0	86.00
	Cable conversion current transformer SC40-B, 150/5 A, Ø 18 mm; Class 1; 1 VA; cable length 0.5 m, 1.5 mm ²	U518A	E0	86.00
	Cable conversion current transformer SC40-B, 200/5 A, Ø 18 mm; Class 1; 1 VA; cable length 0.5 m, 1.5 mm ²	U518B	E0	86.00
	Cable conversion current transformer SC40-B, 250/5 A, Ø 18 mm; Class 0.5; 1 VA; cable length 0.5 m, 1.5 mm ²	U518C	E0	86.00
SC40-C	Cable conversion current transformer SC40-C, 200/1 A, Ø 28 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U128A	E0	83.00
	Cable conversion current transformer SC40-C, 250/1 A, Ø 28 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U128B	E0	83.00
	Cable conversion current transformer SC40-C, 300/1 A, Ø 28 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U128C	E0	83.00
	Cable conversion current transformer SC40-C, 400/1 A, Ø 28 mm; Class 1; 0.2 VA; cable length 3 m, 0.5 mm ²	U128D	E0	83.00
	Cable conversion current transformer SC40-C, 250/5 A, Ø 28 mm; Class 1; 1 VA; cable length 0.5 m, 1.5 mm ²	U528A	E0	86.00
	Cable conversion current transformer SC40-C, 300/5 A, Ø 28 mm; Class 1; 1 VA; cable length 0.5 m, 1.5 mm ²	U528B	E0	86.00
SC50-E	Cable conversion current transformer SC40-C, 400/5 A, Ø 28 mm; Class 1; 1 VA; cable length 0.5 m, 1.5 mm ²	U528C	E0	86.00
	Cable conversion current transformer SC50, 250/1 A, Ø 42 mm; Class 1; 0.5 VA; cable length 5 m, 0.5 mm ²	U142A	E0	115.00
	Cable conversion current transformer SC50, 400/5 A, Ø 42 mm; Class 1; 0.5 VA; cable length 3 m, 1.5 mm ²	U542B	E0	115.00

SIRAX CT200 / CT210

Class 0.5 plug-in current transformer



	Type	Article	Code	€ excl. VAT
CT200 / CT210	Primary current: 75 A / Secondary current: 5 A	177487	B8	24.00
	Primary current: 60 A / Secondary current: 5 A	177479	B8	24.00
	Primary current: 200 A / Secondary current: 5 A	177726	B8	24.00
	Primary current: 250 A / Secondary current: 5 A	177734	B8	24.00
	Primary current: 400 A / Secondary current: 5 A	177750	B8	24.00

MULTIFUNCTIONAL POWER INDICATORS

SIRAX BM1250



Multifunctional power indicators, programmable for current, voltage, active, reactive, and apparent power, active and reactive energy (dimensions: 96x96x57 mm)

- Measurement of standard instantaneous values
- Measurement of average values and harmonics
- Display of measured values on LCD display
- Simple device operation / clear and understandable menu navigation
- Large displays for clear display of measured data
- Accuracy classes (BM1200: 1.0 / BM1250: 0.2S)
- Two pulse outputs

Technical data

Type	Mains	Meas. input / voltage	Current	Auxiliary supply	Output	Article	Code	€ excl. VAT
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	110 ... 550 V AC/DC	–	182858	B8	264.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	12 ... 60 V AC/DC	–	186032	B8	264.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	110 ... 550 V AC/DC	RS485, 2 relays	182866	B8	312.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	12 ... 60 V AC/DC	RS485, 2 relays	186040	B8	312.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	110 ... 550 V AC/DC	RS485, 2 relays, USB, data logger	182874	B8	366.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	12 ... 60 V AC/DC	RS485, 2 relays, USB, data logger	186058	B8	366.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	110 ... 550 V AC/DC	Ethernet	185901	B8	414.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	12 ... 60 V AC/DC	Ethernet	186082	B8	414.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	110 ... 550 V AC/DC	Ethernet, data logger	185919	B8	467.00
SIRAX BM1250	3PH	100...600 VL-L	5A/1A	12 ... 60 V AC/DC	Ethernet, data logger	186090	B8	467.00

SIRAX BM1450



Multifunctional power indicators, programmable for current (DC), voltage, active, reactive, and apparent power, active and reactive energy (dimensions: 96x96x80 mm)

- DC energy measurement
- Measurement of standard instantaneous values
- Measurement of average values and harmonics
- Display of measured values on large LED display
- Simple device operation / clear and understandable menu navigation
- Accuracy class 1
- Four pulse outputs

Technical data

Type	Meas. input / voltage	Current	Auxiliary supply	Output	Article	Code	€ excl. VAT
SIRAX BM1450	10...60 V DC	50...150 mV	60 ... 300 V AC/DC	RS485, 4 relays	177065	B8	373.00
SIRAX BM1450	61...200 V DC	50...150 mV	60 ... 300 V AC/DC	RS485, 4 relays	177073	B8	373.00
SIRAX BM1450	201...1 000 V DC	50...150 mV	60 ... 300 V AC/DC	RS485, 4 relays	177081	B8	373.00

AC/DC CURRENT AND VOLTAGE CONVERTERS

SINEAX AM1000



Multifunctional power meter with network analysis for measurement, monitoring, and analysis in high-voltage networks (dimensions: 96x96x85 mm)

- With TFT display, for panel mounting
- Auxiliary power: Rated voltage 100...230 V AC/DC
- Ethernet (Modbus/TCP) + RS485 (RTU)
- 3 current transformer inputs, 42–50/60–69.5 Hz
- Protocol: Modbus + REST interface
- Test report in English

Data logger	Expansion	Article	€ excl. VAT Code B8
None	None	192697	679.00
None	2 relays (changeover contact)	192705	753.00
None	4 analog outputs +/-20mA	192713	882.00
None	Profinet interface	192721	1,254.00
None	IEC61850 interface	192729	1,254.00
Periodic data + events	PME control center	192785	1,250.00
Periodic data + events	4 analog outputs +/-20mA	192793	1,110.00
Periodic data + events	2 relays (changeover contact)	192801	980.00

SINEAX AM3000



Multifunctional power meter with network analysis for measurement, monitoring, and analysis in high-voltage networks (dimensions: 144x144x66 mm)

- With TFT display, for panel mounting
- Auxiliary power: Rated voltage 100...230 V AC/ DC
- Ethernet (Modbus/TCP) + RS485 (RTU)
- 2 digital outputs passive
- 4 current transformer inputs, 42–50/60–69.5 Hz
- Protocol: Modbus + REST interface
- 1 digital input passive
- Test report in English

Data logger	Expansion	Article	€ excl. VAT Code B8
None	None	192809	791.00
None	2 relays (changeover contact)	192817	861.00
None	4 analog outputs +/-20mA	192825	988.00
Periodic data + events	PME control center	192833	1,349.00
None	Residual current detection, 2-channel	192849	1,072.00
None	IEC61850 interface	192857	1,353.00
None	2 relays (changeover contact) / temperature monitoring, 2-channel	192865	1,072.00
None	4 digital inputs active / temperature monitoring, 2-channel	192873	1,168.00
Periodic data + events	2 relays (changeover contact)	192881	1,084.00

PROGRAMMABLE TRANSDUCERS

SIRAX BT5100, SIRAX BT5200, SIRAX BT5300



SIRAX BT5100, BT5200, BT5300 – Basic transducers, programmable, for current, voltage, and frequency

- Compact and robust housing
- Easy installation
- User-friendly operation
- Clear display of measurement data on backlit LCD display
- Easy on-site programming of measured values via two pushbuttons
- Additional programming of measured values via software
- Two configurable analog outputs
- System compatibility due to RS485 interface with Modbus RTU
- Accuracy class 0.2
- 3-year guarantee

Type	Measurement input			Auxiliary supply	Output	Article	Code	€ excl. VAT
	Voltage	Current	Frequency					
SIRAX BT5100	57...500 V L-L	–	–	60...300 V AC/DC	RS485	175267	B8	239.00
SIRAX BT5200	–	0...5 A	–		1 x 4...20 mA	175283	B8	239.00
SIRAX BT5300	–	–	45...65 Hz		1 x 0...10 V	175308	B8	257.00

SIRAX BT5400



Transducer for power, phase angle and power factor, RS485, LCD display

- Connection type single-phase, 3-phase 3-wire balanced, unbalanced or 3-phase
- 4-wire balanced or unbalanced
- Measuring input for power
- Rated voltage up to 500 V, rated current 1 / 5 A
- 2 configurable analog outputs, linear or with a kink and a unipolar range
- Easy on-site programming of measured values via two pushbuttons
- Clear and easy-to-read display of measured data on LCD display
- Flexible communication and remote read-out via integrated Modbus-RTU interface
- DIN rail mounting
- 3-year guarantee

Type	Measurement input			Auxiliary supply	Output	Article	Code	€ excl. VAT
	Voltage	Current	Frequency					
SIRAX BT5400	57...500 V L-L	0...5 A	50/60 Hz	60...300 V AC/DC	RS485 1 x 4...20 mA 1 x 0...10 V	175316	B8	370.00

SINEAX DM5S



Multi-transducer with 4 analog outputs, 32 counters, USB, Modbus optional

- Network status monitoring: Class 0.2
- Universal: U/I, P/Q/S, f, PF, etc.
- Remote communication via Modbus
- Configuration without auxiliary power
- Energy measurement: Class 0.5S
- UL-certified

Type	Auxiliary supply	Output	Article	Code	EURO excl. VAT
SINEAX DM5S	230V / 3I	RS485	193209	B8	922.00

SINEAX DM5F



Programmable, 1/2-period measurement up to 4 analog outputs, USB, Modbus

- Network status monitoring: Class 0.2
- Universal: U/I, P/Q/S, f, PF, etc.
- Remote communication via Modbus
- Configuration without auxiliary power
- Energy measurement: Class 0.5S
- UL-certified

Type	Auxiliary supply	Output	Article	Code	EURO excl. VAT
SINEAX DM5F	230V / 3I	RS485	193225	B8	1,318.00

VOLTAGE QUALITY ANALYZERS

LINAX PQ1000



Multifunctional power quality analyzer, 96x96 mm format for measurement, monitoring, and voltage quality analysis Class S in high-voltage networks

- With TFT display, for panel mounting
- 1 digital input/output passive
- Ethernet (Modbus/TCP) + RS485 (RTU)
- 3 current transformer inputs, 42–50/60–69.5 Hz
- Protocol: Modbus + REST interface
- Test report in English

Auxiliary supply	Expansion	Article	€ excl. VAT Code B8
Rated voltage 100...230 V AC/DC	None	192897	1,629.00
Rated voltage 100...230 V AC/DC	4 digital inputs active	192905	1,795.00
Rated voltage 100...230 V AC/DC	PME control center	193417	1,963.00
Rated voltage 24...48 V DC	None	192913	1,688.00
Rated voltage 24...48 V DC	4 digital inputs active	192921	1,854.00
Rated voltage 24...48 V DC	PME control center	193425	2,022.00

LINAX PQ3000



Multifunctional power quality analyzer, 144x144 mm format for measurement, monitoring, and voltage quality analysis Class S in high-voltage networks

- With TFT display, for panel mounting
- 1 digital input/output passive
- Ethernet (Modbus/TCP) + RS485 (RTU)
- 4 current transformer inputs, 42–50/60–69.5 Hz
- Protocol: Modbus + REST interface
- Test report in English

Auxiliary supply	Expansion	Article	€ excl. VAT Code B8
Rated voltage 110...230 V AC, 130...230 V	None	192929	2,856.00
Rated voltage 110...230 V AC, 130...230 V	Profinet interface / uninterruptible power supply	192937	3,604.00
Rated voltage 110...230 V AC, 130...230 V	IEC61850 interface / uninterruptible power supply	192945	3,604.00
Rated voltage 110...230 V AC, 130...230 V	2 relays (changeover contact)	192953	2,927.00
Rated voltage 24...48 V DC	None	192961	2,915.00
Rated voltage 24...48 V DC	PME control center	194193	3,249.00

LINAX PQ5000



Multifunctional voltage quality analyzer for measurement, monitoring, and analysis in high-voltage power networks

- With TFT display, for DIN rail mounting
- Protocol: Modbus + REST interface
- 1 digital input/output passive
- Rated voltage 100...230 V AC/DC
- Ethernet (Modbus/TCP) + RS485 (RTU)
- Test report in English

Input frequency range	Expansion	Article	€ excl. VAT Code B8
4 current transformer inputs, 42–50/60–69.5 Hz	None	193073	2,788.00
Rogowski inputs, 50/60 Hz	None	193081	2,788.00
4 current transformer inputs, 42–50/60–69.5 Hz	4 analog outputs +/-20mA	193089	3,173.00
4 current transformer inputs, 42–50/60–69.5 Hz	IEC61850 interface	193097	3,350.00
4 current transformer inputs, 42–50/60–69.5 Hz	Profinet interface	193105	3,350.00



 **GOSSEN METRAWATT**

 **GOSSEN**

 **SEAWARD**

 **RIGEL MEDICAL**

 **CALIBRATION HOUSE**

 **GMC instruments academy**

 **CAMILLE BAUER**

 **DRANETZ**

 **PROSYS**

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Diensten van EURO-INDEX

EURO-INDEX is fabrikant van BLAUWE LIJN en importeur/distributeur van diverse A-merken test- en meetinstrumenten. Wij leveren naast instrumenten ook de diensten om het gebruik hiervan in uw bedrijfsvoering te optimaliseren. Dit omvat uiteraard onderhoud, reparatie en kalibratie van instrumenten, maar ook kennisdeling via de EURO-INDEX Academy en verhuur van meetinstrumenten.

Geautoriseerd Service Centrum

EURO-INDEX is van de meeste merken in ons assortiment een Geautoriseerd Service Centrum. Dit betekent dat uw instrumenten worden behandeld door technici die zijn opgeleid door de fabrikant en beschikken over de juiste gereedschappen en software. Er worden uitsluitend originele onderdelen toegepast en de garantie van uw instrument blijft intact, net als de certificering (ATEX, EN50379, etc.).

Kalibratielaboratorium

Ons moderne service- en kalibratielaboratorium beschikt over een RvA accreditatie naar NEN-EN-ISO/IEC 17025. Deze accreditatie geldt voor grootheden, zoals gespecificeerd in de scope bij [accreditatienummer K105](#).

[Meer info](#)



Kijk voor een overzicht van al onze diensten op euro-index.nl/diensten

KWS®

KWS® is een unieke kalibratieformule voor uw test- en meetinstrumenten met periodiek onderhoud en kalibratie tegen vaste, lage kosten.

Uw kalibratiecertificaten zijn digitaal beschikbaar via Mijn KWS (gratis webportaal en app) en door de QR-code te scannen van de kalibratiesticker op het instrument.

[Meer info](#)

Verhuur van meetinstrumenten

Er zijn diverse situaties waarbij huren handig is:

- U heeft tijdelijk extra toestellen nodig.
- Uw eigen meetinstrument wordt onderhouden en/of gekalibreerd.
- U moet een eenmalige meting verrichten.

[Meer info](#)

EURO-INDEX Academy

- Trainingen (individueel en klassikaal)
- Cursussen, infosessies en workshops
- Demonstratie- en instructievideo's
- Whitepapers

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Cursussen en workshops



Kalibratielaboratorium

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