

FDT



OEM Catalogue 2019/2020



**THE PRODUCT YOU ARE LOOKING FOR
IS NOT IN OUR OEM CATALOGUE?**

**CONTACT US
FOR OUR CUSTOM MADE PRODUCTS!**

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TECHNOLOGY PLATFORMS AVAILABLE FOR:
INSTALLATION TESTER (DIN VDE 0100)
APPLIANCE TESTER (DIN VDE 0701-0702)
CLAMP METERS
FORK METERS
REPORTING SOFTWARE & APPS
AND MANY MORE

NEW PRODUCTS

VOLTAGE TESTER

Model 3037 of Series 303x

- Switchable load (load tester) via 2 push buttons



FORK METER

The Swiss Pocket Knife for Electricians

- Voltage-, Current and resistance measurement
- Frequency, Continuity and rotary



MULTIMETER

Series 2003x

- Full portfolio; Basic to professional devices
- Full range of functions
- Large LCD-Display
- Compact housing
- Ceramic fuses



INSTALLATION TESTER

Easy-to-use installation tester

Multifunction Tester for verification of electrical safety of installations (buildings, industry,...) according to EN 61557 and DIN VDE 0100.



PORTABLE APPLIANCE TESTER

Automatic appliance tester

The appliance tester HDT 5010 is a universal solution with all functions for testing electrical appliances according to DIN VDE 0701/0702.





HDT's OEM products – the simple and competitive solution to expand your product range

HDT offers you their portfolio of innovative, premium-quality measuring and testing devices, such as voltage testers that comply with the latest EN61243-3:2014 standard, phase sequence indicators up to 1000 V or multimeters with highest safety CAT IV/1000V and capacitive buttons.

These products can be adapted to your requirements in a short time, for example changing the housing colour and the printing on the device. The packaging can be designed according to your specifications as well. You determine the operating instructions languages and specify the contact information.

Typical delivery periods are 4 - 8 weeks ex Hong Kong or Serbia (2020).

The products are developed in Europe and tested by our Quality Assurance in Germany. The TÜV GS sign is available for some products.

HDT – Your business partner for innovative electronic products

We develop electronic products from concept to manufacture. Together with you, the product management team at our head office in Glottertal, Germany defines products that will impress you both by their application as well as cost. Our development team in Glottertal and Belgrade, Serbia design excellent technological solutions. We produce high quality at attractive prices in our factories in China or Serbia (2020).



Our business segments

OEM: We have a portfolio of measuring and testing devices such as voltage testers, multimeters, phase sequence indicators and lamp testers. You can add your logo to these products when you order at least 100 units.

Contract manufacturing: We manufacture products developed by you at our factory. We can offer you attractive prices at high quality with a minimum order of 100 units annually.

Customer-specific products (ODM): We realise your ideas. Our team will assist you through each step of the way from market research to mass production. Additionally, we are happy to help you develop electronics for products that you can manufacture at your own factory.

OVERVIEW VOLTAGE TESTERS

| Model | 3121 | 3122 | 3123 | 3124 | 3125 | 3126 | 3127 | 3128 | 3303 |
|-----------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------|---------------------------------------|--|--|-----------------------------|
| Display | 1 LED | 1 LED | 1 LED | 1 LED | 1 LED | 1 LED | 2 LEDs | 1 LED | 5 LEDs |
| Voltage range | 12...1000V AC, 50...1000V AC | – | 12...1000V AC, 50...1000V AC | 12...1000V AC, 50...1000V AC | 90...1000V AC | 12...1000V AC, 50...1000V AC | 20...1000V AC, 50...1000V AC | 12...1000V AC, 50...1000V AC | ±5, 12, 24, 48 V |
| Test current (@ voltage) | – | – | – | – | – | – | – | – | < 10 mA (48V) |
| Polarity indication | – | – | – | – | – | – | – | – | automatic |
| Overvoltage category | CAT IV 1000V | – | CAT IV 1000V | CAT IV 1000V | CAT IV 1000V | CAT IV 1000V | CAT IV 1000V | CAT IV 1000V | – |
| Continuity test | – | – | – | – | – | – | – | – | – |
| Frequency range | 40...400 Hz | – | 40...400 Hz | 40...400 Hz | 50/60 Hz | 40...400 Hz | 40...400 Hz | 40...400 Hz | 0...65 Hz |
| Rotary field indication | – | – | – | – | – | – | ● | – | – |
| Single pole test | – | – | – | – | – | – | – | – | – |
| Torch light | ● | ● | ● | – | optional | ● | ● | ● | – |
| GENERAL | | | | | | | | | |
| Magnetic field | – | >2.5 mT | >2.5 mT | – | – | – | >2.5 mT | | – |
| Protection degree | IP 65 | IP 65 | IP 65 | IP 65 | IP 65 | IP 65 | n/a | IP 65 | IP 40 |
| In compliance with | EN 61010-1, IEC 61326 | | | | | | | | EN 61010-1, EN 61326 |
| Certification | CE | | | | | | | | CE |
| Power supply | 2 x 1.5 V, AAA | | | | | | | | – |
| Probe tip protection | – | | | | | | | | – |
| Special | | Magnetic field indication | Magnetic field indication | | | Display of voltage by vibration | Magnetic field indication. Display of voltage by vibration. Rotary field indication. | Magnetic field indication. Display of voltage by vibration. | for cars, trucks, eBikes |

| 3002 / 3003 | 3009 / 3011 | 3020 | 3025 | 3030 | 3031 | 3034 | 3037 | 3038 | 3039 | |
|--|--------------------------------------|--|--|--------------------------------------|-------------------------|---|--------------------------------------|---|---|--|
| 3002: 11 LEDs 3003: 10 LEDs | 8 LEDs | 4 Neon lights | 4 LEDs | 12 LEDs | 12 LEDs, 3 Digit LCD | 12 LEDs, 4 Digit LCD | 12 LEDs, 3 Digit LCD | 13 LEDs | 13 LEDs, 4 Digit LCD | |
| ±12, 24, 50, 120, 230, 400, 690 V | ±12, 24, 50, 120, 230, 400, 690 V | Nominal voltage AC: 120, 240, 277, 480V; DC: 160, 330, 380, 600 V | Nominal voltage AC/DC: 400, 230, 120, 50 V | ±12, 24, 50, 120, 230, 400, 690 V | | LED: ±12, 24, 50, 120, 230, 400, >690 V LCD: 1000 V AC 1500 V DC | ±12, 24, 50, 120, 230, 400, 690 V | LED: ±12, 24, 50, 120, 230, 400, 690, >1000 V | LED: ±12, 24, 50, 120, 230, 400, 690, 1000 V LCD: 1000 V AC 1500 V DC | |
| 3002: < 3.5 mA (690V) 3003: < 3.5 mA (400V) | < 3.5 mA (690V) | < 3.5 mA (600V) | < 3.5 mA (400V) | < 3.5 mA (690V) | | < 3.5 mA (690V) < 6 mA (1500V DC) | < 3.5 mA (690V) | < 3.5 mA (690V) < 6 mA (1500V DC) | | |
| automatic | automatic | – | – | automatic | | | | | | |
| CAT IV 300V, CAT III 600 V | CAT IV 300V, CAT III 600 V | CAT III 600 V | CAT II 600 V | CAT IV 600V, CAT III 1000 V | | | | CAT IV 1000 V | | |
| optical/ acoustic | – | – | – | optical/acoustic | | | | | | |
| 0...65 Hz | 0...60 Hz | 0...65 Hz | 0...65 Hz | 16...400 Hz | | | | | | |
| – | – | – | – | 120...690 V | | 120...1000 V | 120...690 V | 120...1000 V | | |
| 100...690 V | – | – | – | 90...690 V | | 90...1000 V | 90...690 V | 90...1000 V | | |
| – | – | – | – | ● | ● | ● | ● | ● | ● | |
| – | – | – | – | – | – | – | – | – | – | |
| IP 54 | IP 54 | IP 40 | IP 40 | IP 64 | | | | | | |
| EN 61243-3:2014 | EN 61243-3:2014 | EN 61010 | EN 61010 | EN 61010, EN 61243-3:2014 | | | | | | |
| 3002:TÜV GS, 3003: CE | CE | CE/CSA | CE | CE | | | | | | |
| 2 x 1.5 V, AAA | – | – | – | 2 x 1.5 V, AAA | | | | | | |
| ● | ● | – | – | ● | ● | ● | ● | ● | ● | |
| 3003: works without batteries | works without batteries | for the US market | – | | LCD | 1000 V AC 1500 V DC | LCD | CAT IV / 1000 V | | |

VOLTAGE TESTER SERIES 303x

Voltage measurement up to 1.000 V AC and 1.500 V DC

Model #3038 & #3039 with CAT IV / 1000 V

LCD with Backlight



Optional
Universal cap for
probe-tip protection

3030

with LED Display

- AC/DC Voltage tester 12...690 V
- CAT III 1000 V, CAT IV 600 V
- Continuity test with optical and acoustical indication
- Integrated single pole test
- Rotary field indication
- Automatic detection of polarity
- Integrated torch light
- Shockproof and ergonomic housing
- Fast one-hand operation for test sockets with 19 mm spacing
- Probe-tip protection



3031

with LED and LCD Display

- Same as 3030 and also offers:
- LCD Display



3037

with LED and LCD Display

- Same as 3031 and also offers:
- Switchable load (load tester) via 2 push buttons



3038

CAT IV / 1000 V

- AC/DC Voltage tester 12...1000 V AC and 12...1500 V DC
- LED Display
- Continuity test with optical and acoustical indication
- Integrated single pole test
- Rotary field indication
- Integrated torch light



3034

with LED and LCD Display

- Same as 3031 and also offers:
- LCD Display with Backlight
 - Voltage measurement up to 1.000 V AC and 1.500 V DC
 - Resistance measurement up to 1.999 Ω

3039

with LED and LCD Display

- Same as 3038 and also offers:
- LCD Display

SCOPE OF SUPPLY 1 pc. HDT voltage tester of series 303x, 2 pcs Batteries 1.5 V AAA, 2 pcs GS38 plug on cover, 1 pc Instruction manual, 2 pcs 4mm test tip adapters and 1 pc Carton packaging

VOLTAGE TESTER 3002/3003



FEATURES

- AC/DC Voltage tester 12...690 V AC/DC
- TÜV / GS certification (only 3002)
- Overvoltage category CAT III 600 V, CAT IV 300 V
- Continuity test function with optical and acoustical indication
- Integrated single pole test
- Automatic detection of polarity
- Display equipped with bright shining LEDs
- Shockproof and ergonomic housing
- Fast one-hand operation for test sockets with 19 mm spacing
- Probe-tip protection

SCOPE OF SUPPLY

- 1 pc HDT Voltage tester 3002 or 3003
- 2 pcs Batteries 1,5V AAA
- 1 pc Instruction manual
- 1 pc Carton packaging

VOLTAGE TESTER 3011/3009



FEATURES

- Voltage tester 12...690 V AC/DC
- Automatic detection of polarity
- Display equipped with bright shining LEDs
- Shock proof and small housing
- No batteries required
- Fast one-hand operation for test sockets with 19 mm spacing
- Probe-tip protection

SCOPE OF SUPPLY

- 1 pc HDT Voltage tester 3011 or 3009
- 1 pc Instruction manual
- 1 pc Carton packaging

VOLTAGE TESTER 3020 / 3025



FEATURES

- Low cost Voltage Tester
- 3020: 120 / 240 / 277 / 480 V AC
3025: 50 / 120 / 230 / 400 V AC
- Display equipped with small excellent shining lamps for AC and DC voltage (3020: Neon, 3025: LED)
- Shock proof small housing
- Snap-in fixture for fast one-hand operation
- Belt clip for easy carrying
- Integral clamping device for both measuring tips

SCOPE OF SUPPLY

- 1 pc HDT Voltage tester 3020 or 3025
- 1 pc Instruction manual
- 1 pc Carton packaging

CAR AND E-BIKE TESTER 3303



FEATURES

- 5...48 V AC/DC
- Voltage Tester for cars, trucks, motorcycles and bikes
- Sliding function with sharp test tip for easy measuring of cable through the insulation
- Small dimensions, very compact
- Display with 5 LEDs
- Polarity Indication
- Second cable end with Crocodile clips
- 2 test tips

SCOPE OF SUPPLY

- 1 pc Car and E-Bike Tester 3303
- 1 pc Instruction manual
- 1 pc Carton packaging

CONTACTLESS VOLTAGE TESTER SERIES 312x

QUICK OVERVIEW

3121

- Voltage test 12...1000 V
- Optical and acoustical indicator
- Integral torch light

3122

- Magnetic fields indicator
- Optical and acoustical indicator
- Integral torch light

3123

- Voltage test 12...1000 V and magnetic fields indicator
- Optical and acoustical indicator
- Integral torch light



3124

- Voltage test 12...1000 V
- Optical and acoustical indicator

3125

- Voltage test 90...1000 V
- Optical and acoustical indicator
- optional: Torch light

3126

- Voltage test 12...1000 V
- Optical and acoustical indicator
- In addition: indicator by vibration

3127

- All functions of the series available incl. Rotary field indication

3128

- All functions, except rotary field indication

OVERVIEW SERIES 312x

| Model | 3121 | 3122 | 3123 | 3124 | 3125 | 3126 | 3127 | 3128 |
|--|------|------|------|------|----------|------|----------|------|
| Overvoltage category CAT IV 1000 V | ● | – | ● | ● | ● | ● | ● | ● |
| Starts reliably with the voltage indication at 12 V AC | ● | – | ● | ● | – | ● | ● (20 V) | ● |
| Integral torch light | ● | ● | ● | – | optional | ● | ● | ● |
| Two selectable voltage ranges / sensitivity levels | ● | – | ● | ● | – | ● | ● | ● |
| Suitable for aircraft board nets up to 400 Hz | ● | – | ● | ● | – | ● | ● | ● |
| White tip with bright all round light display | ● | ● | ● | ● | ● | ● | ● | ● |
| Indication of voltage fields via red LED and acoustical signal via integrated buzzer | ● | – | ● | ● | ● | ● | ● | ● |
| Power switch with visual indicator | ● | ● | ● | ● | ● | ● | ● | ● |
| Automatic timed switch-off | ● | ● | ● | ● | – | ● | ● | ● |
| Battery monitoring with visual indicator | ● | ● | ● | ● | – | ● | ● | ● |
| Water proofed rugged housing (IP65) | ● | ● | ● | ● | ● | ● | n/a | ● |
| Slim, isolated measurement sensor suitable for EU, UK and US sockets | ● | ● | ● | ● | ● | ● | ● | ● |
| Indication of magnetic fields via yellow LED | – | – | ● | – | – | – | ● | ● |
| Indication of magnetic fields via red LED | – | ● | – | – | – | – | – | – |
| Ergonomically designed and easy handling - slip-proof surface | ● | ● | ● | ● | ● | ● | ● | ● |
| Indicator of areas of tension by vibration | – | – | – | – | – | ● | ● | ● |
| Rotary field indication via 4-color LED and vibration | – | – | – | – | – | – | ● | – |

| Model | 20019 | 20020 | 20031 | 20032 | 20035 | 20036 | 20037 |
|----------------------------|--|-------------|----------------------------|-------|-----------------------------|---------|-----------------|
| LCD-Display | LCD, 1999 Digits | | LCD, 3999 Digits | | LCD, 5999 Digits + bargraph | | |
| AC/DC Voltage | 600V | | | 1000V | 600V | 1.000V | |
| AC/DC Current | 10A | | | | | | 600mA |
| µA-Measurement | - | - | - | ● | ● | ● | ● |
| Resistance | 1.999 MΩ | | 39.99 MΩ | | 200 MΩ | | |
| Continuity test | < 60 Ω with audible signal | | < 30 Ω with audible signal | | | | |
| Diode test | < 1 V with audible signal | | < 1,5 V | | < 2,8 V | < 2,8 V | < 2,5 V |
| Frequency | - | - | 5 MHz | | 60 MHz | | |
| Capacity | - | - | 5 MHz | | 60 mF | | |
| Temperature | - | -40...400°C | -20...500°C | | -200...1.350°C | | - |
| Autorange | - | - | ● | ● | ● | ● | ● |
| TRMS | - | - | - | - | ● | ● | ● |
| Duty cycle | - | - | 0.1...99% | | - | - | - |
| Data hold | - | - | ● | ● | ● | ● | ● |
| Relative value measurement | - | - | ● | ● | ● | ● | ● |
| Min./Max./Avg. | - | - | - | - | ● | ● | ● |
| Backlight | - | - | - | ● | ● | ● | ● |
| NCV | - | - | - | - | ● | ● | - |
| Battery test | - | 1,5 V / 9 V | - | - | - | - | - |
| Overvoltage category | CAT IV / 300 V, CAT III / 600 V | | | | | | CAT IV / 1000 V |
| In compliance with | EN 61010-1, EN 61010-2-033, EN 61010-031 | | | | | | |
| Protection degree | IP 40 | | | | | | |
| Certification | CE | | | | | | |
| Battery | 2 x 1,5 V / AAA | | | | | | |
| Dimension (approx.) | 145 x 75 x 40 mm | | 165 x 80 x 55 mm | | | | |
| Weight (approx.) | 250 g | | 350 g | | | | |

DIGITAL MULTIMETER SERIES 200xx

FEATURES SERIES 200xx

- Full portfolio; Basic to professional devices
- Full range of functions
- Large LCD-Display
- Compact housing
- High safety, CAT IV / 300 V; CAT III / 600 V
- Ceramic fuses



20019

20020

20031
20032

20035
20036

20037



SCOPE OF SUPPLY

- 1 pc. HDT 20019
- 2 pc. Batteries 1,5V / AAA R03
- 2 pc. Test leads
- 1 pc. Instruction manual
- 1 pc. Carton packaging

- 1 pc. HDT 20020
- 2 pc. Batteries 1,5V / AAA R03
- 2 pc. Test leads
- 1 pc. Instruction manual
- 1 pc. Carton packaging

Optional:

- 1 pc. Holster
- 1 pc. Carrying case
- 1 pc. Magnetic hanger (for Holster)
- 1 pc. Thermocouple

- 1 pc. HDT 20031 or 20032
- 2 pc. Batteries 1,5V / AAA LR03
- 2 pc. Test leads
- 1 pc. Holster
- 1 pc. Instruction manual
- 1 pc. Carton packaging

Optional:

- 1 pc. Carrying case
- 1 pc. Magnetic hanger (for Holster)
- 1 pc. Thermocouple

- 1 pc. HDT 20035 or 20036
- 2 pc. Batteries 1,5V / AAA LR03
- 2 pc. Test leads
- 1 pc. Thermocouple
- 1 pc. Holster
- 1 pc. Instruction manual
- 1 pc. Carton packaging

Optional:

- 1 pc. Carrying case
- 1 pc. Magnetic hanger (for Holster)

- 1 pc. HDT 20037
- 2 pc. Batteries 1,5V / AAA LR03
- 2 pc. Test leads
- 1 pc. Holster
- 1 pc. Instruction manual
- 1 pc. Carton packaging

Optional:

- 1 pc. Carrying case
- 1 pc. Magnetic hanger (for Holster)



Carrying case



Magnetic hanger

PREVIEW

DIGITAL MULTIMETER SERIES 2004x



FEATURES

- Industrial multimeter in ergonomic housing with excellent price-performance ratio
- Extra Large, very easy to read display
- True RMS (20045)
- Voltage measurement up to 1000 V
- Lot of functions (depending on model), see overview table
- Robust soft plastic holster absorbs shocks and improves the grip
- IP64 Waterproof

FORK METER 3610

The Swiss Pocket Knife for the Electrician

FEATURES

- Slim shape and size to fit in cargo pants pocket
- Bright torch light in front
- Measurement of voltage (...1000V AC, 1500V DC), current (...200A AC), resistance (...100k Ω), frequency, continuity and rotary field
- Non-contact and single pole voltage indication
- Voltage indication by LED chain in jaw and LCD /w backlight
- Test tip fixture @ front with 19mm distance to fit sockets
- Vibration motor and buzzer for safe feedback in any environment
- Various patents applied

SCOPE OF SUPPLY

- 1 x 3610 Fork Meter
- 1 x Probe-tip protection
- 2 x GS 38 cap
- 2 x 4 mm tip extension
- 2 x AAA battery
- 1 x User manual



MOTOR TESTER & PHASE ROTATION INDICATOR 8130/8131



FEATURES

- Rotary field indicator with phase indication
- Identification of the connections (U,V,W) of a three-phase motor
- 40...700 V AC (8130) / 100...700 V AC (8131); 50/60 Hz
- Contact-free determination of the rotation direction of running AC motors, eg. circulation pumps
- Identification of the state of electromagnetic AC valves
- Display: LCD (8130), LED (8131)
- Warning in case of wrong wiring
- Connected test leads
- Crocodile clip for easy connection to the motor terminal board
- Test probes for measuring in coupling plugs
- CAT III 1000 V, CAT IV 600 V

SCOPE OF SUPPLY

- 1 pc HDT 8130 or HDT 8131
- 1 pc Crocodile clip
- 3 pcs Test probes and Test leads
- 2 pcs Batteries 1,5 V, AAA
- 1 pc Carton packaging
- 1 pc instruction manual



Model 8131
with LED Display

PHASE ROTATION INDICATOR 8132/8133



FEATURES

- Rotary field indicator with phase indication
- Display: LCD (8132), LED (8133)
- 40...700 V AC (8132) / 100...700 V AC (8133); 50/60 Hz
- Phase rotation without battery
- Warning in case of wrong wiring
- 3 connected test leads
- Crocodile clip for easy connection to the motor terminal board
- Test probes for measuring in coupling plugs
- CAT III 1000 V, CAT IV 600 V

SCOPE OF SUPPLY

- 1 pc HDT 8132 or 8133
- 3 pcs Test leads
- 3 pcs Test probes
- 1 pc Crocodile clip
- 1 pc Carton packaging
- 1 pc instruction manual



Model 8132
with LCD Display

ROTARY FIELD INDICATOR 8120



FEATURES

- High voltage phase indication for L1, L2, L3 with 3 LEDs
- Voltage range: 100...1700 V; Frequency range: 40...450 Hz
- Waterproof IP 65
- High voltage rotary field indication cw / ccw with 2 LEDs
- Developed for Utility Companies, Electric Power, Substation, Generators, Wind Power Stations
- Overvoltage category: CAT IV 1000V (highest safety)
- Clear indication of phase under voltage failure or connection of Neutral via warning symbol in display
- High voltage protected Test Leads and Probes
- Soft plastic holster as shock absorber and improvement of grip

SCOPE OF SUPPLY

- 1 pc HDT Xtroid 8120
- 3 pcs Test leads
- 3 pcs Test probes
- 1 pc Carrying case
- 1 pc Instruction manual
- 1 pc Carton packaging

CONTINUITY TESTER 3501/3502



FEATURES

- Acoustical and optical continuity test
- Torch Light function with continuous light (3502)
- Resistance measurement ranges up to 500k Ω and up to 10 Ω (3502)
- Test set with <math><5 \mu\text{A}</math> and $\sim 20 \text{ mA}$ (3502)
- External Voltage Protection and ELV display
- Voltage Protection up to 400V
- For testing glow lamps, fuses, etc.
- For testing cable connections, cable networks, etc.

SCOPE OF SUPPLY

- 1 pc HDT 3501 or 3502
- 2 pcs Test leads firmly connected
- 2 pcs. Batteries 1.5 V, AAA
- 1 pc Instruction manual
- 1 pc Carton packaging

SOCKET TESTER SERIES 8409, 8410



Low Cost Version
Socket Tester 8409



FEATURES

- Various models of „Basic“ to „Professional“
- Socket tester with tripping RCDs
- Quick and easy testing of 30mA RCDs
- Quick check of correct wiring of outlets
- PE error detection
- PE error is shown clearly by LCD
- The fixed power plug enables quick and easy testing

SCOPE OF SUPPLY

- 1 pc HDT Socket tester, depending on model
- 1 pc Instruction manual
- 1 pc Carton packaging



also available
with CEKON plug

SOCKET TESTER PRO

Series 841x



FEATURES

- Check for correct / incorrect wiring of Schuko sockets with output of the result directly on the LCD (eg. „L and N are interchanged“, without cryptic decoding of LED codes!)
- LCD-Display with backlight
- Voltage test 230V AC (195.5V - 253V AC, 50Hz \pm 3%)
- Variable RCD test: RCD trip with adjustable nominal fault current 10 - 30 - 100 - 300 - 500mA (only 8412, 8413)
- Measuring the tripping time according to IEC 61010-1 (only 8413)
- PE error indication using built-in capacitive sensor
- PE errors are clearly signaled by the LCD display
- The fixed, flexible power plug enables quick and easy testing

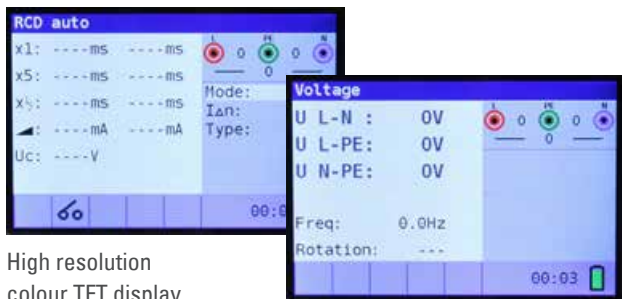
SCOPE OF SUPPLY

- 1 pc. HDT Socket tester PRO 8411, 8412 or 8413
- 1 pc. Instruction manual
- 2 pcs. Batteries 1.5 V, AAA
- 1 pc. Carton packaging

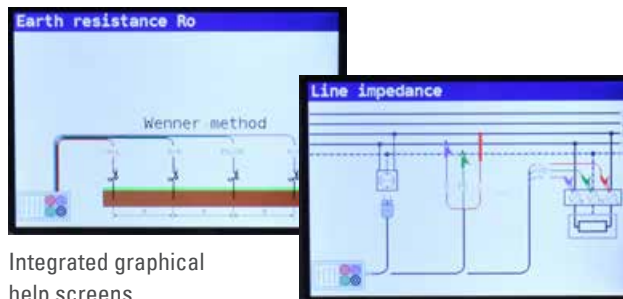
MULTIFUNCTION INSTALLATION TESTER 5100

safety measurements according
to EN 61557 and DIN VDE 0100





High resolution colour TFT display



Integrated graphical help screens

FEATURES

Multifunction Tester for verification of electrical safety of installations (residential, commercial and industrial applications) according to EN 61557 and DIN VDE 0100.

All-in-one device with 3.5 TFT colour display, covering the measurements you need. Fast. Safe.

Measurement of:

- Loop resistance
- Insulation
- Measurement of short circuit current
- Low resistance and continuity
- TRMS Voltage, Rotary field and frequency
- Earth Resistance (optional)
- Internal network resistance
- RCD/FI for types A, AC, B, B+, F

SCOPE OF SUPPLY

- | | |
|---------------------------------|----------------------------|
| 1 pc. Multifunction Tester 5100 | 3 pcs. Test leads each 1 m |
| 1 pc. Schuko-plug test cable | 3 pcs. Test probes |
| 3 pcs. Alligator clips | 1 pc. Instruction manual |
| 6 pcs. Batteries 1.5 V / AAA | |

OPTIONAL

- Carrying bag
- Carrying strap
- Test probe with TEST button
- Set for earth resistance testing: 3 test leads (20m/20m/5m) and 2 earth stakes
- 40 m Extension test lead (to measure protective conductors)

Additional accessories on request

APPLIANCE TESTER 5010

for testing in accordance
with DIN VDE 0701-0702





robust and compact case

FEATURES

- Protective conductor resistance with a pulsed testing current of ≥ 200 mA
- Isolating resistance with a testing voltage of 250 V or 500 V
- Mains operation mode: protective conductor current/contact current by means of differential current/direct measurement method with automatic mains pole reversal
- Battery operating mode: protective conductor current/contact current by means of alternative leakage current measurement method
- Testing of permanently installed and portable 30 mA RCDs/PRCDs with tripping time measurement
- Voltage measurement on external shock-proof socket
- Active testing of 3-phase devices under operating conditions by means of optional adapter

SCOPE OF SUPPLY

- | | |
|---|--|
| 1 x PAT Tester 5010 | 1 x test lead with alligator clip |
| 1 x IEC power cord (IEC adapter cable) | 1 x mains connection cable |
| 1 x USB connecting cable | 6 x 1.5-V-batteries/ type AA (IEC LR6) |
| 1 x operating manual | 1 x Download/driver software |

LAMP TESTER SERIES 710x

Multifunctional, robust
lamp testers, incl. continuity test
and voltage detection



Picture shows HDT 7102

7100



Performance version

- Handy test instrument for swift fault finding on gas-filled low and high pressure discharge lamps
- The gas filling will activated to emit light
- Timesaving testing of already installed neon lamps
- Built-in continuity tester for chokes, resistors, capacitors, etc. with optic and acoustic signaling
- Integrated single-pole voltage tester up to 250 V AC with optic and acoustic signaling
- Built-in torch light

SCOPE OF SUPPLY

- 1 pc HDT Lamp tester 7100
- 1 pc Battery 9V IEC 6LR61
- 1 pc Instruction manual
- 1 pc Carton packaging

7101



Advanced version with normal antenna

- Testing of various types of fluorescent lamps
- Non-contact voltage detection
- Integrated continuity test

SCOPE OF SUPPLY

- 1 pc HDT Lamp tester 7101
- 1 pc Telescopic antenna
- 1 pc Battery 9V IEC 6LR61
- 1 pc Instruction manual
- 1 pc Carton packaging

7102



Advanced version with professional antenna

- Testing of various types of fluorescent lamps
- Isolated high-sensitivity 122-cm antenna with removable adapter plate
- Non-contact voltage detection
- Integrated continuity test

SCOPE OF SUPPLY

- 1 pc HDT Lamp tester 7102
- 1 pc Isolated high-sensitivity 122-cm antenna with removable adapter plate
- 1 pc Battery 9V IEC 6LR61
- 1 pc Instruction manual
- 1 pc Carton packaging

THERMSTICK 6201/6202



FEATURES 6201 (NEEDLE PROBE)

- Digital Mini-Thermometer (6201) with needle probe
- Suitable for many materials such as water, oil, clay, granules and powder-like materials as well as dough, cheese, meat, etc.
- Permanently attached stainless steel tube with protective sleeve
- Integrated Data Hold



6201 Needle probe
-50...+250°C



6202 Surface probe
-50...+250°C

FEATURES 6202 (SURFACE PROBE)

- Digital Mini-Thermometer 6202 with surface probe
- Suitable for measuring temperature on motors, switch cabinets, heatsinks, radiators, cooling devices, floor heating, air and liquids etc.
- Integrated Data Hold

SCOPE OF SUPPLY

- 1 pc. HDT ThermStick 6201 or 6202
- 1 pc. Battery 3 V, CR 2032
- 1 pc. Protection sleeve (only 6201)
- 1 pc. Instruction manual
- 1 pc. Carton packaging

WATER PROOF THERMSTICK 6203/6205



FEATURES

- Digital Mini-Thermometer with needle probe
- Temperature range -40...+250°C
- Waterproof (IP67)
- Food proof
- Easy to clean
- Min/Max and Data Hold function
- Suitable for many materials such as water, oil, clay, granules and powder-like materials as well as dough, cheese, meat, etc.
- Permanently attached stainless steel tube with protective sleeve
- 6205 offers a higher accuracy

SCOPE OF SUPPLY

- 1 pc HDT Waterproof ThermStick 6203 or 6205
- 1 pc Battery 3 V, CR 2032
- 1 pc Protection sleeve
- 1 pc Instruction manual
- 1 pc Carton packaging

ACCESSORIES



We supply the complete scope of test instruments accessories like test probes, test leads, temperature probes or carrying cases.

We are happy to discuss our complete offer with you.



Nylon bag with printed pattern.



NOTES

The specifications

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Changes

for the benefit of technical enhancements respectively adoption to modified standards or provisions are provided.

Pictures

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„Linking people and technology’ is our slogan; it reflects our actions, which are aimed towards developing innovative solutions that simplify the user’s work – as well as making your company more successful,” says Lars Christian Beha, managing director of HDT.

Facts and figures

Full service provider of electric and electronic innovations

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Part of the BEHA Group with over 45 years of experience in the development and manufacture of electronic products

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Manufacturing sites: Glottertal, Germany (up to 1,000 units/year),
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