

**NEW**

## 2100-Delta Voltage Tester with Current-Function TRMS

**Safety rated up to CAT III 1000 V / CAT IV 600 V**

Safety rated up to CAT III 1000 V / CAT IV 600 V, the 2100-Delta is the ideal product for troubleshooting in industrial and commercial environments. Use it to check voltage, current, resistance, continuity and frequency, all in one instrument. Connect the test probes safely to the top of the housing of the instrument when testing for voltage, giving you an extra hand. The 2100-Delta simply checks current up to 200 A AC by sliding the fixed jaw around the conductor without the need to break the circuit.

And like the 2100-Alpha, 2100-Beta and 2100-Gamma, the 2100-Delta is naturally equipped with reinforced components for dependable performance. It has an ingress protection degree of IP 64, is built according to the voltage tester standard EN 61243-3:2014 and is GS approved.

- **2 instruments in 1:** Voltage tester and current tester up to 200 A AC
- **One tool on your toolbelt** – all you need to get the job done
- TRMS
- **'Extra pair of hands'** click system for probes
- **Extended range** up to 1000 V AC / 1500 V DC

**2100-Delta**

Order No. 5237726

**£135**



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### Voltage and Continuity Testers

	2100-Alpha	2100-Beta	2100-Gamma	2100-Delta
Two pole phase rotation indication	right/left	right/left	right/left	right/left
Safety rating (overvoltage category)	CAT III/690 V, CAT IV/600 V	CAT III/690 V, CAT IV/600 V	CAT III/1000 V, CAT IV/600 V	CAT III/1000 V, CAT IV/600 V
Voltage range	12-690 V AC/DC	12-690 V AC/DC	6-1000 V AC/6-1200 V DC	1-1000 V AC/1-1500 V DC
Voltage indication - LCD	-	12-690 V AC/DC	6-1000 V AC/6-1200 V DC	1-1000 V AC/1-1500 V DC
Data hold function	-	•	•	•
Resistance measurement	-	-	0...1999 Ω	0...100 kΩ
Low resistance indication	-	-	Sound < 10 Ω	Sound + indication < 20 Ω
Non-contact voltage detection	-	-	•	•

Order No. 4312495

**£51**

Order No. 4312508

**£77**

Order No. 4709243

**£99**

Order No. 5237726

**£135**

## A kit for every job!



### BASIC KIT

- + 2100-Alpha Voltage Tester
- + AMP-210-EUR TRMS Current Clamp (AC)
- + AM-500-EUR Compact Digital Multimeter

Order no. 5265031

~~£195~~  
**£175**  
Special Price!



### ADVANCED KIT

- + 2100-Beta Voltage Tester
- + AMP-310-EUR TRMS Current Clamp (AC)
- + AM-520-EUR Digital Multimeter

Order no. 5265046

~~£309~~  
**£259**  
Special Price!



### MASTER KIT

- + 2100-Beta Voltage Tester
- + AMP-330-EUR TRMS Current Clamp (AC / DC)
- + AM-555-EUR Digital Multimeter

Order no. 5265054

~~£432~~  
**£349**  
Special Price!

## Highly Affordable!

**≤ £200**

Buy your basic supplies for under £200

### LM-100 Digital Lux Meter

Light measurement up to 20,000 fc or 200,000 Lux

Order No. 3052348

**£112**



### AM-555-EUR Digital Multimeter

TRMS & AC and DC current measurement up to 20A

Order no. 4701030

**£147**



### IR-730-EUR Infrared Thermometer

Temperature measurement from -32° to 1250°C

Order no. 4308517

**£162**



**≤ £100**

Buy your basic supplies for under £100

### AM-500-EUR Compact digital multimeter

Shock-proof and impact-resistant thanks to standard protective holster

Order no. 4102332

**£32**



### NCV-1040-EUR MAGNO-VOLTfix

Non-Contact Voltage detector with magnetic solenoid testing (LED)

Order no. 4918097

**£38**



### PRM-5 Phase Rotation Tester

Verify 3-phase receptacle wiring and phase sequencing with test leads

Order no. 4375961

**£78**



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# **FREE complementary accessories and Special Offers!**



## **PROINSTALL-UK KIT4**

- + PROINSTALL-75-UK Multifunction Installation Tester
- + 2100-Beta Voltage tester
- + NCV-1030-EUR VOLTfix Non-Contact Voltage tester

With the introduction of mandatory electrical inspections by a qualified person for private landlords, this **Landlord's Safety Kit** is ideal for electricians or contractors to carry out the EICR, assessing existing electrical installations against BS 7671

Order no. 5269976

~~£911~~

**£819**

**Special Price!**



**FREE!**



## **AM-540-EUR KIT1**

- + AM-540-EUR Digital Multimeter
- + HS-1 Magnetic hanger **FREE!**

Order no. 5220302

**£123**



**FREE!**



## **AMP-220-EUR KIT1**

- + AMP-220-EUR TRMS Current Clamp (AC/DC)
  - + 370003 Safety set **FREE!**
- 370003 Safety set includes: test leads, probes and clips

Order no. 5220316

**£148**

## **Highly Affordable!**

Buy your basic supplies for **under £200**

**≤ £200**

**CM100 Carbon Monoxide Meter**  
Measures carbon monoxide concentrations incl. alarm function

Order No. 3311826

**£176**



**AMP-25-EUR TRMS Mini Current Clamp (AC/DC)**  
TRMS current measurement in a very compact design

Order no. 4588268

**£170**

Pocket-sized  
14,7 cm height



**AMP-320-EUR Digital Clamp Meter**  
TRMS Motor maintenance current clamp (AC/DC)

Order no. 4560615

**£181**



**TH-1 Humidity and Temperature Meter**  
Dew point and wet bulb temperature measurement

Order no. 3311871

**£79**



**AM-520-EUR Digital Multimeter**  
Voltage, current, resistance and temperature measurement

Order no. 4131281

**£75**



Buy your basic supplies for **under £100**

**≤ £100**

**LAN-1 LAN Cable Tester**  
Testing wiring faults of LAN cables

Order No. 3052401

**£83**





## Kits for testing automotive charging stations

Get access to the socket-outlets of a charging station to perform safety and functional tests, while simulating the presence of an electrical vehicle.



### EV-520-UK

#### Test Adapter Kits for Electric Vehicle Charging Stations

- Suitable for charging stations mode 3
- EV-connectors for type 2 and type 1
- PE Pre-Test: Safety feature to test the PE conductor for possible presence of dangerous voltage against ground.
- PP (Proximity Pilot) State: to simulate various current capabilities of charging cables (Cable Simulation).
- CP (Control Pilot) State: to simulate various charging modes (Vehicle Simulation).

Order No. 5022810

**£699**



### PROINSTALL-75-UK KIT3

#### Proinstall-75-UK Multifunction Tester

#### + EV-520-UK - Test Adapter Kit for Electric Vehicle Charging Stations

With this combination of high-quality instruments you can test function and safety of charging stations mode 3 for AC charging.

Order No. 5050969

**£1177**  
**Special Price!**



### Fluke 1664 Bundle

Now also bundled with the Fluke 1664 Multifunction Installation Tester!!

#### 1664 UK-EV KIT

+ Fluke FLK-1664FC UK

+ Beha-Amprobe EV-520-UK

Order No. 5105316

**£2076**  
**Special Price!**



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## Flexible measuring instruments and connection adapters are required\*

**With the EV-500 Series, charging stations can be tested in accordance with IEC/EN 61851-1 and IEC/HD 60364-7-722.**

There are numerous effects of faulty charging stations, including overloads of the power supply system, equipment and system failures and danger for people. "It is particularly evident from public charging stations how important initial testing and approvals as well as periodic testing are. After all, these are technical laymen who operate these systems," emphasizes Werner Käsmann, Technical Sales Manager at Fluke.

The relationship is quite simple: Each faulty charging station slows the demand for electric cars due to the unreliable supply infrastructure. If countries want to make progress on electromobility, there are no gaps in supply allowed. Many cities throughout Europe are already responding to this with their own expansion plans as part of a balancing act in view of the shortage of parking spaces in urban areas. Each new charging station must comply with the relevant European standards for electrical systems. The general regulations that must be applied include HD 60364-6, HD 60364-7-722, HD 60364-5-54 and HD 60364-4-41 as well as HD 60364-5-52.

In accordance with HD 60364-6, all qualified electricians are obligated to perform an initial test on a low-voltage system after commissioning. The tests include measuring, inspecting and testing the different operating states of a charging station. Standard measurement procedures include measuring the continuity of the protective earthing conductors (PE), the functionality of the RCDs and the insulation and earth resistance.

When testing charging stations, the results must accurately and repeatably represent the actual charging processes. Consequently, an electric vehicle must be simulated during testing at a charging station, as the charging station will not release a charging voltage without vehicle simulation. The EV-500 Series test adapters are developed for this purpose. The kit simulates the vehicle as well as different charging cable cross sections for power outputs of up to 22 kW.



### IEC test method for charging stations for electric vehicles

Initial checks and regular retesting of charging stations are necessary to ensure the highest level of safety for each user.

For more information on standards and testing with the EV-500 series, go to [beha-amprobe.com](https://beha-amprobe.com)



### Watch a video of the EV-500 in action.



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All prices in this leaflet are recommended resale prices only and exclude VAT.

Period: until 15.06.2021. Not coupled with other actions. Order through your local sales representative. Only as long as stock lasts. Price changes and specification updates reserved.

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