**BENNING**

# ST 755+ appliance tester kit, Type: ST755



## Order data

| Order number | 473404 ST755 |
|---|---|
| GTIN | 4014651503335 |
| Item class | 47A |

## Description

**Version:**
· **Brilliant and sharp 7 inch colour touch display.**
· **Large QWERTZ keyboard across the entire display.**
· **Innovative menu functions for simple and efficient initial testing/set-up of new test objects (QuickTest).**
· **Faster testing with optimised use of time.**
· **Smart menu:**
· **customisable device templates (24 templates per test standard) to quickly set up test objects with just one press of a button (QuickTest).**
· **Device properties can be selected.**
· **Auto-ID function to automatically increment the identification number step by step with specification of the start value (increment n+1) when setting up new test objects.**
· **Device data can be displayed individually using ON/OFF slider for optimised handling and use by electrically instructed persons.**
· **Favourites menu provides direct access to frequently used sub-menus.**
· **Simple to change templates.**
· **PRCD test – mobile personal protection: complete and automatic testing of 2 and 3-pin PRCD types S, S+ and K.**
· **RCD test – mobile sub- or construction site power distributors: testing of residual current protective devices of types AC, A, F, B, B+ opens the door to new applications.**

- **Extended and customer-specific visual inspections: in addition to the standard visual inspection (2 items), an extended (18 items) and customer-specific (unlimited) visual inspection with individual requests can be put together.**
- **Manage customers and equipment in databases with a unique ID no.**
- **Create and assign individual test sequences and intervals (risk assessment).**
- **WLAN, RJ45 (LAN), USB, Bluetooth®, SD card slot – modern interfaces: the ability to integrate the appliance tester into a network and the modern interfaces enable automatic updates and form the basis for integrating other features and applications.**
- **Low operating costs, free updates via WLAN, LAN, USB.**
- **Suitable for IT networks – testing in isolated networks: appliance testers usually require an earthed TN/TT network for the mains power supply. The new appliance testers can be used in an unearthed IT network by activating the "On/Off slider".**
- **Measuring result with pass/fail indicator and audible warning if test was not passed.**
- **On-site logging via the BENNING PT2 Bluetooth® printer.**

**Additional technical features:**

Testing of electrical appliances: YES

Testing of mobile PRCD types: YES

Testing of medical electrical devices: YES

Voltage (volts): 1 - 360

Current (amperes): 0.1 - 16

Effective power / apparent power (watts): 20 - 2300

**Standard:**

**Prüfung im Rahmen der DGUV Vorschrift 3, BetrSichV gemäß**:

DIN EN 50678, VDE 0701 für elektrische Geräte nach der Reparatur.

DIN EN 50699, VDE 0702 Wiederholungsprüfung für elektrische Geräte.

DIN EN 62353, VDE 0751-1 für medizinisch elektrische Geräte.

**Supplied with:**

- **VDE BENNING ST 755+ appliance tester (BENNING NO.: 050332) in impact-resistant case (IP67)**
- **Set of probe leads/crocodile clips**
- **2-pin test lead**
- **Low-power mains cable**
- **SD card**
- **Calibration certificate**
- **BENNING PC-Win ST 750-760 software (BENNING NO.: 047002)**
- **Barcode scanner (BENNING NO.: 009369)**
- **Barcode labels (1,000 pieces) (BENNING NO.: 756301)**
- **"Next test" test stickers (300 pieces) (BENNING NO.: 756212)**

## Technical description

| | |
|---|---|
| Weight | 6 kg |
| Insulation resistance | 0.1 - 100 MO |

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|---|---|
| Length | 410 mm |
| Voltage | 1 - 360 V |
| Width | 350 mm |
| Earth conductor resistance | 0.05 - 10 O |
| Height | 170 mm |
| Protective conductor current / touch current | 0.03 - 25 mA |
| Display | 7 inch colour touchscreen |
| Interface | Bluetooth interface |
| Interface | Bluetooth interface |
| Interface | RJ45 (LAN) |
| Interface | WLAN interface |
| Interface | SD card slot |
| Calibration | I10 |
| Type of product | Multimeter |

## Services

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|---|---|
| CalibrationTest device VDE 0701 / 0702 Type S | 027140 S |