

## TESTBOY 313

### Digital multimeter with automatic measuring range protection

The Testboy 313 is particularly safe when using. Due to automatic protection of the measurement area, erroneous operation is impossible. In addition, the digital multimeter has an easily legible LC display with backlighting.

#### How you benefit:

- | Automatic measuring range protection
- | Large LCD with backlighting
- | Temperature measurement

#### Specifications

Technical Data	TESTBOY 313
Display	37 mm large, illuminated LCD
Overload Category	CAT III 600 V
Diode Test	Yes
Standard	IEC/EN 61010-1, IEC/EN 61010-2-033
Dimensions	200 × 89 × 38 mm
AC Voltage	2 V, 20 V, 200 V ; ±1,0 %, ±5 Digits 600 V ; ±1,2 %, ±5 Digits
AC Current	2 mA, 20 mA ; ±1,0 %, ±5 Digits 200 mA ; ±1,5 %, ±3 Digits 10 A ; ±2,0 %, ±8 Digits
Operating temperature range	0–40 °C (32–104 °F)
DC Voltage	200 mV, 2 V, 20 V, 200 V ; ±0,5 %, ±3 Digits 600 V ; ±0,8 %, ±5 Digits
DC Current	2 mA, 20 mA ; ±1,0 %, ±3 Digits 200 mA ; ±1,5 %, ±3 Digits 10 A ; ±2,0 %, ±5 Digits
Continuity Test	Yes
Input impedance	> 7.5 MOhm, type 10 MOhm (AC V & DC V)
Frequency Response	0–20 kHz
Capacity	Up to 20 µF
Storage temperature range	-10 – 50 °C (14 – 122 °F)
Maximum input voltage	600 V AC/DC
Fuses	200 mA (self-resetting) 10 A/1000 V (flick)
Temperature measurement	-20 – 1000°C with K-Type sensor
AC V bandwidth	50–400 Hz
Resistance	200 Ohm ; ±1,0 %, ±5 Digits 2 kOhm, 20 kOhm, 200 kOhm ; ±1,0 %, ±5 Digits 2 MOhm ; ±1,0 %, ±5 Digits 20 MOhm ; ±1,5 %, ±5 Digits
Weight	380 g incl. batteries
Scope of Delivery	Incl. test leads, holster, temperature sensor and battery
Supplies, Optional	Adapter for K-Type sensor system carrying case

