

TESTBOY 318

Digital Multimeter

Discover the Testboy 318, our digital multimeter for photovoltaic systems! With its impressive functions, it is the perfect tool for your measurement needs. measurement needs. Whether direct voltage measurement up to 1500 V, AC voltage measurement up to 1000 V or current measurements up to 2 A AC/DC. This multimeter offers you precise measurement results in all areas. It also offers you all the measurement functions you need for your photovoltaic systems.

SPECIFICATIONS

	Testboy 318	
Display	40 mm large, illuminated LCD	
DC Voltage	600 mV, 6 V, 60 V, 600 V	±0,8 %, ±4 Digits
	1000 V 1500V	±1,0 %, ±5 Digits
AC Voltage	600 mV, 6 V, 60 V, 600 V	±0,8 %, ±5 Digits
	1000 V	±1,5 %, ±5 Digits
DC Current	600 µA, 6000 µA	±1,2 %, ±3 Digits
	60 mA, 600mA,	±1,2 %, ±3 Digits
	2 A	±2,0 %, ±10 Digits
AC Current	600 µA, 6000 µA,	±1,5 %, ±3 Digits
	60 mA, 600 mA,	±1,5 %, ±3 Digits
	2 A	±3,0 %, ±10 Digits
Resistance	600 Ω	±1,2 %, ±5 Digits
	6 kΩ, 60 kΩ, 600 kΩ, 6 MΩ	±1,2 %, ±5 Digits
	60 MΩ	±2,0 %, ±10 Digits
Capacitance Measurement	60 nF, 600 nF,	±4,0 %, ±3 Digits
	6 µF, 60 µF, 600 µF,	±4,0 %, ±3 Digits
	6 mF, 60 mF	±4,0 %, ±3 Digits
Diode Test	Yes	
Continuity Test	Yes (acoustic up to 50 Ω)	
Non-contact voltage test (NCV)	Yes	
LED torch	Yes	
Duty-Cycle	Yes (1%-99%)	
Temperature measurement	-200-1300 °C (with suitable K-type sensor)	
Maximum input voltage	1000 V AC 1500 DC	
Input impedance	> 7,5 MΩ, typ 10 MΩ (ACV & DCV)	
AC voltage bandwidth	50-400 Hz	
Frequency measuring range	10 Hz-10 MHz	
Fuses	200 mA (selbstrückstellend); 2 A/1000 V (flink)	
Operating temperature range	0-40° C (32-104° F)	
Storage temperature range	-10-50° C (14-122° F)	
Overvoltage category	CAT IV 1000 V	
Standard	IEC/EN 61010-1, IEC/EN 61010-2-033	
Dimensions	190 x 90 x 55 mm	
Weight	470 g	
Power supply	1 x 9 V (6F22)	
Scope of delivery	incl. measuring leads, temperature sensor, holster and standby bag	



BENEFITS

- > CAT IV 1000 V
- > Suitable for photovoltaics
- > up to 1500 V DC
- > up to 1000 V AC

CAT IV
1000 V

1000 V
AC

1500 V
DC

