

I always give this to my apprentices.



TESTBOY 313

Digital multimeter with automatic measuring range protection

The Testboy 313 digital multimeter provides a number of standard functions and is especially safe to operate. The automatic measuring range protection rules out maloperation. It is also fitted with a clear and easily legible 37 mm LCD display and background lighting.

SPECIFICATIONS

	Testboy 313	Accuracy
Indication	LCD with backlight	
Measurement range selection	manuel	
AC voltage	2 V, 20 V, 200 V	±1,0%, ±5 Digits
	600 V	±1,2%, ±5 Digits
DC voltage	200 mV, 2 V, 20 V, 200 V	±0,5%, ±3 Digits
	600 V	±0,8%, ±5 Digits
AC current	2mA, 20 mA	±1,0%, ±5 Digits
	200 mA	±1,5%, ±3 Digits
	10 A	±2,0%, ±8 Digits
DC current	2mA, 20 mA	±1,0%, ±3 Digits
	200 mA	±1,5%, ±3 Digits
	10 A	±2,0%, ±5 Digits
Frequency	0 – 20 kHz	
Resistance	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2 MΩ	±1,0%, ±5 Digits
	20 MΩ	±1,5%, ±5 Digits
Continuity test	Yes, with acoustic signal < 50 Ω	
Diode test	Yes	
Capacity	up to 20 µF	±4,0%, ±3 Digits
Temperature	-20 – 1000 °C with K-Type probe	
Maximum input voltage	600 V AC / DC	
Input impedance	> 7,5 MΩ, typ 10 MΩ (ACV & DCV)	
AC voltage bandwidth	50 – 400 Hz	
Data-Hold	Yes	
Overvoltage category	CAT III 600 V	
Standard	IEC / EN 61010-1; EN 61010-2-030; EN 61010-2-031; EN 61010-2-033	
Dimensions	195 x 90 x 35 mm	
Weight	390 g	
Fuses	200 mA (self-reseting)	
	10 A / 1000 V (quick acting)	
Power supply	1 x 9 V, 6LR61	
Scope of delivery	Carrying case, test leads and K-type probe (0-180 °C)	

YOUR BENEFITS

> Automatic measuring range protection
> Large LCD with background lighting
> Temperature measurement





