

Model 5XL

Digital Multimeter



- Good value, general purpose meter
- 6 functions/18 ranges
- Large 17 mm (.67") display
- 2000-count
- CAT II 1000 V rated

5XL Specifications (at 23 °C ± 5 °C, < 75 % R.H. non-condensing)

DC Voltage

Ranges	200 mV, 2 V, 20 V, 200 V, 1000 V
Accuracy	All ranges: ± (0.8 % rdg + 1 dgt)
Resolution	100 µV in 200 mV range
Input Impedance	1 MΩ

AC Voltage (50-500 Hz)

Ranges	200 V, 500 V
Accuracy	± (1.2 % rdg + 10 dgts)
Input Impedance	450 kΩ

DC Current

Ranges	200 µA, 2 mA, 20 mA, 200 mA
Accuracy	± (1.2 % rdg + 1 dgt)
Burden Voltage	200 µA range: 1 mV/1 µA 2 mA range: 100 mV/1 mA 20 mA range: 10 mV/1 mA 200 mA range: 1.7 mV/1 mA

Resistance

Ranges	200 Ω, 2 kΩ, 20 kΩ, 200 kΩ, 2000 kΩ
Accuracy	200Ω : ± (1.0 % rdg + 3 dgts) 2 k-2000 kΩ: ± (1.2 % rdg + 2 dgts)
Resolution	100 mΩ in 200 Ω range
Open Circuit Voltage	200 Ω range: 3.0 V DC typical All other ranges: 0.3 V DC

Diode Test

Test Current	1 mA DC
Test Voltage	3.2 V
Display	Forward junction voltage

Continuity Test

Audible Threshold	< 75 Ω
Response Time	< 100 msec

Overload Protection

DC Voltage	200 mV: 350 V AC/500 V DC (15 sec) All other ranges: 600 V rms/1000 V DC (60 sec)
AC Voltage	All ranges 500 V DC or V AC rms
Current	200 mA input: 0.5 A/250 V fast blow ceramic, size 6.35 x 25.4 mm
Resistance	All ranges, 500 V DC or V AC rms
Continuity	500 V DC or V AC rms

General Specifications

Display: 3½ digit LCD, 1999 counts; **Display Update Rate:** 3/sec. nominal; **Power:** Standard 9 V battery, NEDA 1604, JIS 006P, IEC 6F22; **Battery Life:** 300 hours (alkaline); **Operating Temperature:** 0 °C to + 50 °C, 0 to 70 % R.H.; **Storage Temperature:** - 20 °C to 60 °C, 0 to 80 % R.H. battery removed; **Dimensions (HxWxD):** 15.5 x 7.2 x 3.2 cm (6.1" x 2.8" x 1.3"); **Weight (incl. Battery):** 210 grams (8 oz); **Included Accessories:** Test leads, operators manual, holster

Features

Low Battery Indication; Warranty: One-year

Optional Accessories

H10Y Protective Holster; VC30 Vinyl Case; DL243C Basic Test Lead Kit; DL248C Deluxe Test Lead Kit; TL35A Test Lead Set with Alligator Clips

For additional accessories, see the Accessories Compatibility Guide at www.metermantesttools.com



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Meterman.
The right tool for the job.™

Meterman Test Tools

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