



PS MANUAL

DIGITAL MULTIMETERS

1.0 Model **MM-78B**

2.0 Description

Dedicated Automotive Multimeter



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3.0 Features

- 3999 counts Digital display
- Diode Testing
- Data hold feature
- Overload Protection
- Automatic reverse polarity indicator
- Audible continuity test
- Auto Power shut off
- Auto ranging AC/DC Volts, Ohms, Frequency capacity
- Min/Max key records measurement over time
- Zero key, displays difference between two readings & compensates for lead resistance

4.0 Physical and Dimensional Properties

- Each unit weighs approximately 1.2 Kg
- Width 95 mm
- Length 200 mm
- Height 50 mm
- Carton Dimensions: 260 x 170 x 70

5.0 Performance

- AC/DC Current Measurement 400mA - 20 Amps (Accuracy $\pm$ 1.5%)
- AC/DC Volts Measurement 400mVolts - 750 Volts (Accuracy $\pm$ 1.2%)
- Temperature Probe -50° C up to 1100° C
- Capacitance 4nF - 50nF (Accuracy $\pm$ 2%)
- Resistance 400 Ω - 40M Ω (Accuracy $\pm$ 1%)
- Frequency 1Hz - 400kHz (Accuracy $\pm$ 1%)
- RPM 600-4000 and 4000 - 12000 ($\pm$ 2%)
- Dwell Angle 4,5,6,8 cylinders ($\pm$ 2%)
- ms Pulse Width 0.1ms - 10ms (Accuracy $\pm$ 2%)
- Duty Cycle 0 - 90% > 100 μ s, >100ms $\pm$ 2%

6.0 Uses

- Motor vehicles, Automotive Electronics.

7.0 Documentation

- Bar Code Number: **93146080001713**
- Product Specification Manual – PS 184
- Work Instruction Manual - WI 184
- Product Costing Manual - PC 184