

MD-200C DIGITAL MULTIMETER

The **MD-200C** digital multimeter brings together the basic features of a professional instrument such as high accuracy, reliability and a wide range of measurements. It will allow measurements to be taken of current up to 20 A and reading of direct voltage diode drops. It provides a high basic accuracy of 0.05% for DC voltage and True RMS AC/AC+DC reading. It can accurately measure any waveform of AC or AC+DC and has wide-bandwidth measuring. Furthermore, it includes functions such as HOLD and continuity sound signal among others. Rear illuminated display makes reading comfortable even in the dark.

All in all, the **MD-200C** is an ideal tool for laboratories, factories and radio technology as well as Universities and electronic education centres.



Specifications	MD-200C	Resistance (Ω)	
DC voltage (DCV) Range Accuracy Input impedance	200 mV, 2 V, 20 V, 200 V, 1000 V $\pm (0.05\% \text{ rdg} + 1 \text{ dig.})$ 200 mV~200 V range $\pm (0.1\% \text{ rdg} + 5 \text{ dig.})$ 1000 V range 10 M Ω	Range Accuracy	200 Ω , 2 k Ω , 20 k Ω , 200 k Ω , 2 M Ω , 20 M Ω $\pm (0.1\% \text{ rdg} + 10 \text{ digits})$ 200 Ω range $\pm (0.1\% \text{ rdg} + 5 \text{ digits})$ 2 k Ω , 20 k Ω , 200 k Ω , 2 M Ω range $\pm (0.6\% \text{ rdg} + 5 \text{ digits})$ 20 M Ω range
AC voltage (ACV) Range Accuracy 200 mV range 2V ~ 20V range 200 V range 750 V range Input impedance	200 mV, 2 V, 20 V, 200 V, 750 V 50Hz ~ 50kHz : $\pm (0.8\% \text{ rdg} + 80 \text{ digits})$ 50Hz ~ 20kHz : $\pm (0.8\% \text{ rdg} + 80 \text{ digits})$ 50Hz ~ 5kHz : $\pm (0.8\% \text{ rdg} + 80 \text{ digits})$ 50Hz ~ 400Hz : $\pm (1.0\% \text{ rdg} + 50 \text{ digits})$ 2 M Ω	Capacitance (F) Range Accuracy	20 nF, 2 μ F, 200 μ F $\pm (3.5\% \text{ rdg} + 20 \text{ digits})$ 20 nF, 2 μ F range $\pm (5.0\% \text{ rdg} + 30 \text{ digits})$ 200 μ F range
DC current (DCA) Range Accuracy	20 mA, 200 mA, 2 A, 20 A $\pm (0.35\% \text{ rdg} + 10 \text{ digits})$ 20 mA, 200 mA range $\pm (1.2\% \text{ rdg} + 20 \text{ digits})$ 2 A, 20 A range	Frequency (Hz) Range Accuracy	20 kHz, 200 kHz $\pm (1.0\% \text{ rdg} + 20 \text{ digits})$
AC current (ACA) Range Accuracy 200 mA range 2 A~20 A range	200 mA, 2 A, 20 A 50 Hz ~ 5 kHz : $\pm (0.8\% \text{ rdg} + 80 \text{ digits})$ 50 Hz ~ 400 Hz : $\pm (1.0\% \text{ rdg} + 50 \text{ digits})$	hFE (PNP or NPN) Display Test condition	0 ~ 1000.0 Current is approx. 10 μ A, Vce is approx. 3 V
		Diode test	The measuring value is the approx. value for forward voltage drop. When the resistance under tested is less than 30 Ω \pm 10 Ω , buzzer sounds and display the approx. value. The open circuit voltage is approx. 3 V
		Power supply	CC 220 V / 110V, 50 / 60 Hz
		Dimensions Weight	220 (W.) \times 82 (H.) \times 260 (D.) mm Approx. Approx. 2 kg