

MASTECH MS8221C Digital Multimeter DMM hFE Capacitance Temperature Meter



Features:

Autoranging and 2000 counts LCD Display with LCD backlight.

Tests AC/DC Voltage and Current, Resistance, Temperature and Capacitance, diode, continuity and hFE test.

AC/DC Current Measurement with Optional Clamp.

Type-K thermocouple contact temperature measurement.

Auto ranging function.

Data hold function.

Max. value hold.

Low battery indication.

Over range indication.

Auto power off.

Specifications:

DC Voltage: 200mV/2V/20V/200V/600V $\pm(0.7\% \text{ of rdg} + 2 \text{ digits})$

AC Voltage: 200mV/2V/20V/200V $\pm(0.8\% \text{ of rdg} + 3 \text{ digits})$, 600V $\pm(1.0\% \text{ of rdg} + 3 \text{ digits})$

DC Current: 200uA/2000uA/20mA/200mA $\pm(1.2\% \text{ of rdg} + 3 \text{ digits})$, 2A/10A $\pm(2.0\% \text{ of rdg} + 10 \text{ digits})$

AC Current: 200uA/2000uA/20mA/200mA $\pm(1.5\% \text{ of rdg} + 5 \text{ digits})$, 2A/10A $\pm(3.0\% \text{ of rdg} + 10 \text{ digits})$

DC Current (with clamp, optional): 200A/2000A (0.1mV/0.1A) $\pm 1.2\%$

AC Current (with clamp, optional): 200A/2000A (0.1mV/0.1A) $\pm 1.5\%$

Resistance: 200/2K/20K/200K/2MΩ $\pm 1.0\%$, 20MΩ $\pm 2.0\%$

Temperature: -20 °C - 1000 °C $\pm 3.0\%$, 0 °F - 1800 °F $\pm 3.0\%$

Capacitance: 20nF/200nF/2μF/20μF/200μF/1000μF $\pm 4.0\%$

General Characteristics:

Dimensions: 158 * 74 * 31mm

Power supply: 3 * 1.5V (AAA) battery (not included)

Package Size: 21 * 18.5 * 5.5cm / 8.3 * 7.2 * 2.2in

Package Weight: 456g / 1lb