

MTP Digital Multimeter

MODEL: MTP-2322A



Features

- Diode test/ Continuity test
- Large 28mm LCD display
- Backlight display
- Mechanical safety lead lock
- Temperature Measurement

Accessories: Instruction manual, batteries, test probe, temperature probe

DC Current

Range	Resolution	Accuracy	Overload protection
2mA	1 μ A	$\pm 1\%$ of rdg + 3 digits	200mA/250V fuse
20mA	10 μ A	$\pm 1\%$ of rdg + 3 digits	200mA/250V fuse
200mA	100 μ A	$\pm 1.5\%$ of rdg + 5 digits	200mA/250V fuse
10A	10mA	$\pm 2\%$ of rdg + 10 digits	10A/250V fuse

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Capacitance

Range	Resolution	Accuracy	Overload protection
2nF	1pF	$\pm 4\%$ of rdg + 3 digit	250V DC or RMS AC
20nF	10pF	$\pm 4\%$ of rdg + 3 digit	250V DC or RMS AC
200nF	.1nF	$\pm 4\%$ of rdg + 3 digit	250V DC or RMS AC
2 μ F	1nF	$\pm 4\%$ of rdg + 3 digit	250V DC or RMS AC
20 μ F	10nF	$\pm 4\%$ of rdg + 3 digit	250V DC or RMS AC

Frequency

Range	Resolution	Accuracy	Overload protection
20KHz	10Hz	$\pm 1.5\%$ of rdg + 10 digits	250DC or RMS AC

AC Current

Range	Resolution	Accuracy	Overload protection
2mA	1 μ A	$\pm 1.2\%$ of rdg + 5 digits	200mA/250V fuse
200mA	100 μ A	$\pm 2\%$ of rdg + 5 digits	200mA/250V fuse
10A	10mA	$\pm 3\%$ of rdg + 10 digits	10A/250V fuse

DC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload protection
200mV	0.1mV	±0.5% of rdg + 1 digit	10MΩ	250V DC or RMS AC
2V	1mV	±0.5% of rdg + 3 digits	10MΩ	1000V DC or 700 AC
20V	10mV	±0.5% of rdg + 3 digits	10MΩ	1000V DC or 700 AC
200V	100mV	±0.5% of rdg + 3 digits	10MΩ	1000V DC or 700 AC
1000V	1V	±0.8% of rdg + 3 digits	10MΩ	1000V DC or 700 AC

AC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload protection
2V	1mV	±1% of rdg + 5 digits	10MΩ	1000V DC or 700 AC
20V	10mV	±1% of rdg + 5 digits	10MΩ	1000V DC or 700 AC
200V	100mV	±1% of rdg + 5 digits	10MΩ	1000V DC or 700 AC
700V	1V	±1.2% of rdg + 5 digits	10MΩ	1000V DC or 700 AC

Resistance

Range	Resolution	Accuracy	Open Circuit Volt.	Overload protection
200Ω	0.1Ω	±1% of rdg + 10 digit	less than 700mV	250V DC or RMS AC
2KΩ	1Ω	±1% of rdg + 1 digits	less than 700mV	250V DC or RMS AC
20KΩ	10Ω	±1% of rdg + 1 digits	less than 700mV	250V DC or RMS AC
200KΩ	100Ω	±1% of rdg + 1 digits	less than 700mV	250V DC or RMS AC
2MΩ	1KΩ	±1% of rdg + 1 digits	less than 700mV	250V DC or RMS AC
20MΩ	10KΩ	±1% of rdg + 5 digits	less than 700mV	250V DC or RMS AC

Temperature

Range	Resolution	Accuracy	
-20°C		-20°C to 0°C	±4% of rdg + 3 digit
to	1°C	0°C to 400°C	±4% of rdg + 3 digit
1000°C	.	400°C to 1000°C	±4% of rdg + 3 digit