

DATA SHEET

AUTO RANGE MULTIMETER M320

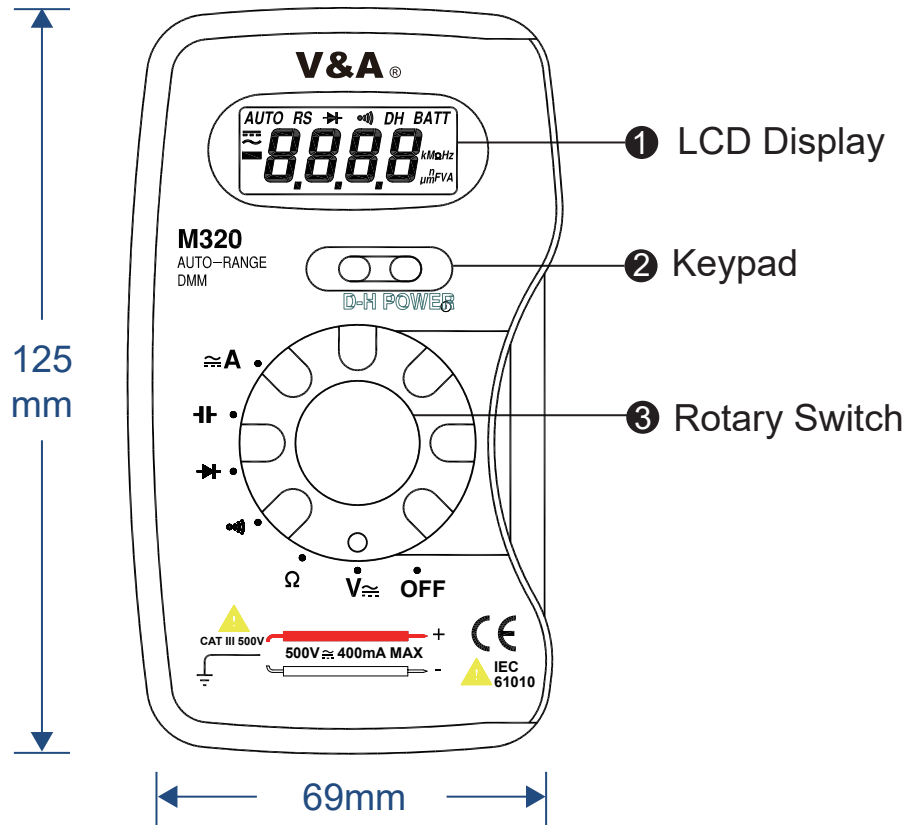
PRODUCT HIGHLIGHTS



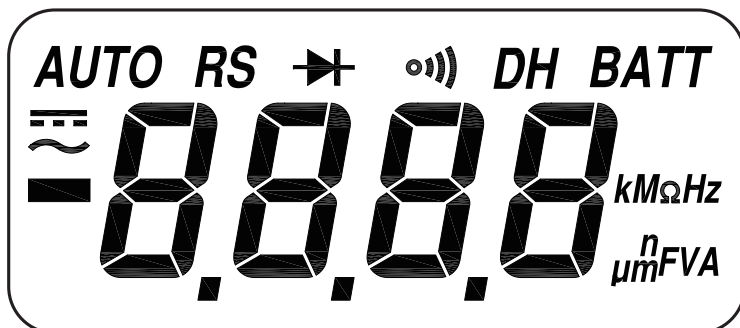
- 3999 Counts Digital Multimeter
- Voltage Measurement up to 500V AC/ DC
- Current Measurement up to 400mA AC/ DC
- Resistance Measurement up to 40MΩ
- Diode Test
- Continuity & Buzzer Indication
- Battery 1.5V (LR44) x 2



1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/ char. height: 7-segment characters/ 8 mm
- Number of digits: $3\frac{3}{4}$ / 3999 steps
- Overflow display: "OL" is displayed
- Polarity display: "-" displayed automatically
- Sample rate: 3 times/ sec for digital data

3. TECHNICAL SPECIFICATIONS

	M320
DC Voltage	400mV/ 4V/ 40V/ 400V/ 500V±(0.5%+3)
AC Voltage	4V/ 40V/ 400V/ 500V±(1.0%+3)
DC Current	40mA/ 400mA±(1.5%+5)
AC Current	40mA/ 400mA±(1.5%+5)
Resistance	400Ω/ 4kΩ/ 40kΩ/ 400kΩ/ 4MΩ/ 40MΩ±(1.5%+7)
Capacitance	50nF/ 500nF/ 5μF/ 50μF/ 100μF±(3.0%+5)
Display Counts	3999
Safety Rating	CAT III 500V
LCD Size	35 x 14 mm
Diode Test	•
Continuity Buzzer	•
Power	1.5V battery (LR44) x 2
Size	125 x 69 x 23 mm
Weight	~102g (without battery)

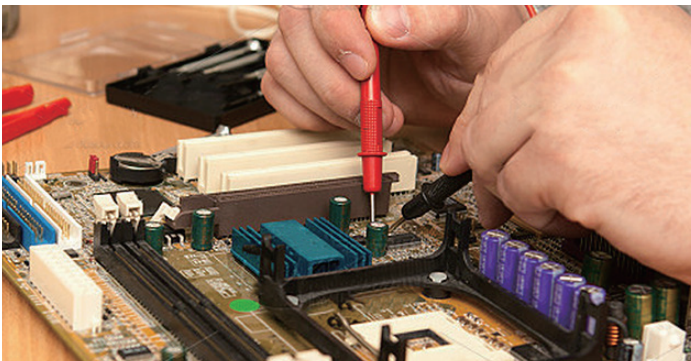
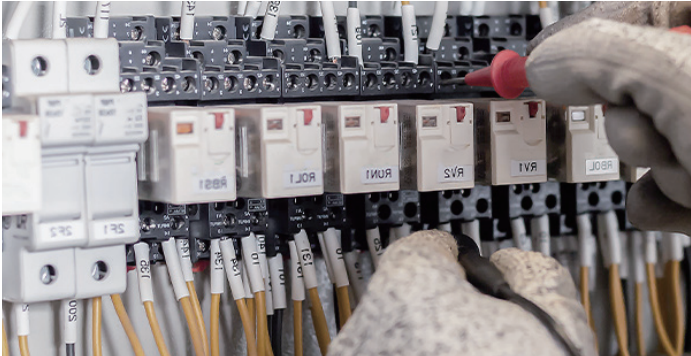
4. GENERAL SPECIFICATIONS

Function	Value
Electrical protection class	CAT III 500 V
Pollution degree	2
Operating altitude	< 2000 m
Operating temperature/ humidity	0°C~40°C, 32°F~104°F (<80% RH, <10°C non-condensing)
Storage temperature/ humidity	-10°C~60°C, 14°F~140°F (<80% RH, battery removed)
Low battery indicator	The "BATT" is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Safety LVD	EN 61010-1 EN 61010-031 EN 61010-033
Fuse	F 500mA/ 600V Φ 6 x 30
Power supply	1.5V (LR44) x 2
Dimension/ weight	125(L) x 69(W) x 23(H) mm/ Approx 102g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
M320	Digital Multimeter	1 Piece
	User Manual	1 Piece
	Battery 1.5V (LR44)	2 Pieces
	Box	1 Piece

6. APPLICATIONS



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