

DATASHEET

COMPACT VOLT/mA CALIBRATOR – VA703

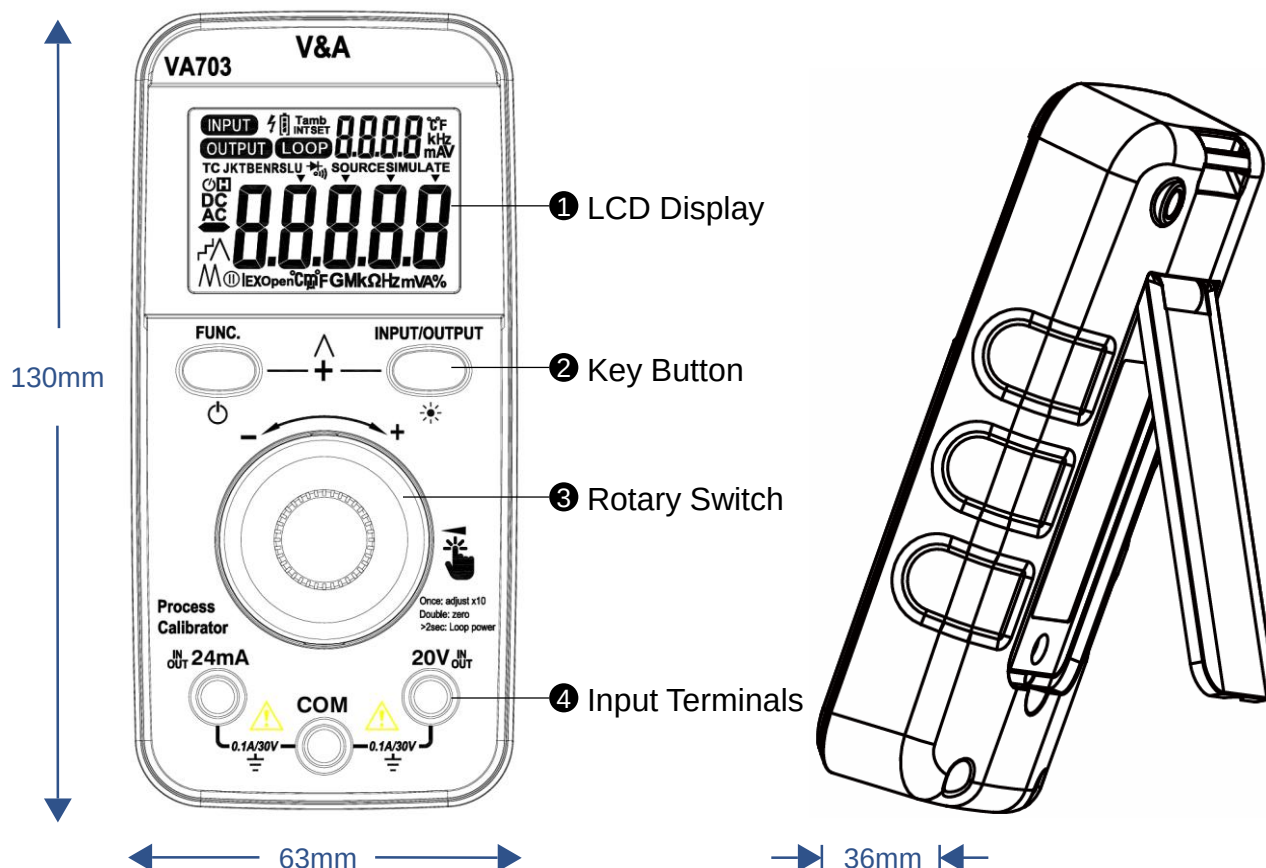
PRODUCT HIGHLIGHTS



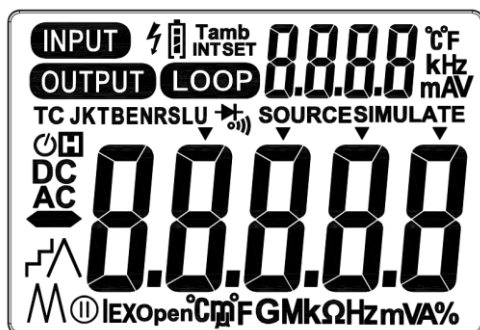
Accuracy and Simplicity

- Compact handheld loop calibrator
- Push-button and rotary knob operation
- Large display with intuitive interface for one-handed operation and digital rotary adjustment
- Current and voltage measurement and output functions
- Simultaneous display of mA and percentage readings
- 0~100% span check function for fast zero and span verification
- Selectable internal 24V loop power supply for transmitter powering
- Built-in rechargeable lithium battery with Type-C charging port.

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/14 mm
- Display counts: 2400
- Overflow display: "OL" is displayed
- Polarity display: "_" (minus sign)
- Sample rate: 3 times/sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA703
DC Voltage Input & Output	0V~20V $\pm$ (0.02%+3)
AC Current Input & Output	0mA~24mA $\pm$ (0.02%+3)
Loop Power Output	24V DC $\pm$ (10%)
Over Voltage Protection	30V
Input Impedance	2M
Dual 5 Digits LCD Display	●
Fuse (Fast Acting)	100mA, 125V
Percentage Display	First: 0%=4mA, 100%=20mA Second: 0%=0mA, 100%=20mA Third: 0%=0mA, 100%=20mA
Power	Built-in Li-ion battery (3.7)
Size	130 x 63 x 36mm
Weight	135g (Including Battery)

4. GENERAL SPECIFICATIONS

Function	Value
Operating Altitude	<3000m
Operating Temperature/Humidity	-10°C~55°C, 14°F~131°F
Storage Temperature/Humidity	-40°C~60°C, -40°F~140°F
Typical Temperature Coefficient	0.005x (specified accuracy) / °C (<18°C or >28°C)
Low Battery Indicator	The “  ” is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Fuse	F 0.125A/250V
Power Supply	Built-in Li-ion battery 3.7V 600mAh
Dimension/Weight	130(L) x 63(W) x 36(H) mm / Approx 135g (Including Battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA703	Compact Volt/mA Calibrator	1 Piece
	Test Leads	1 Set
	Type-C Power Cable	1 Piece
	Li-ion Battery (Pre-installed in the meter)	1 Piece
	Calibration Report	1 Piece
	Box	1 Piece

6. APPLICATIONS



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