DATASHEET

VOLT/mA CALIBRATOR – VA700

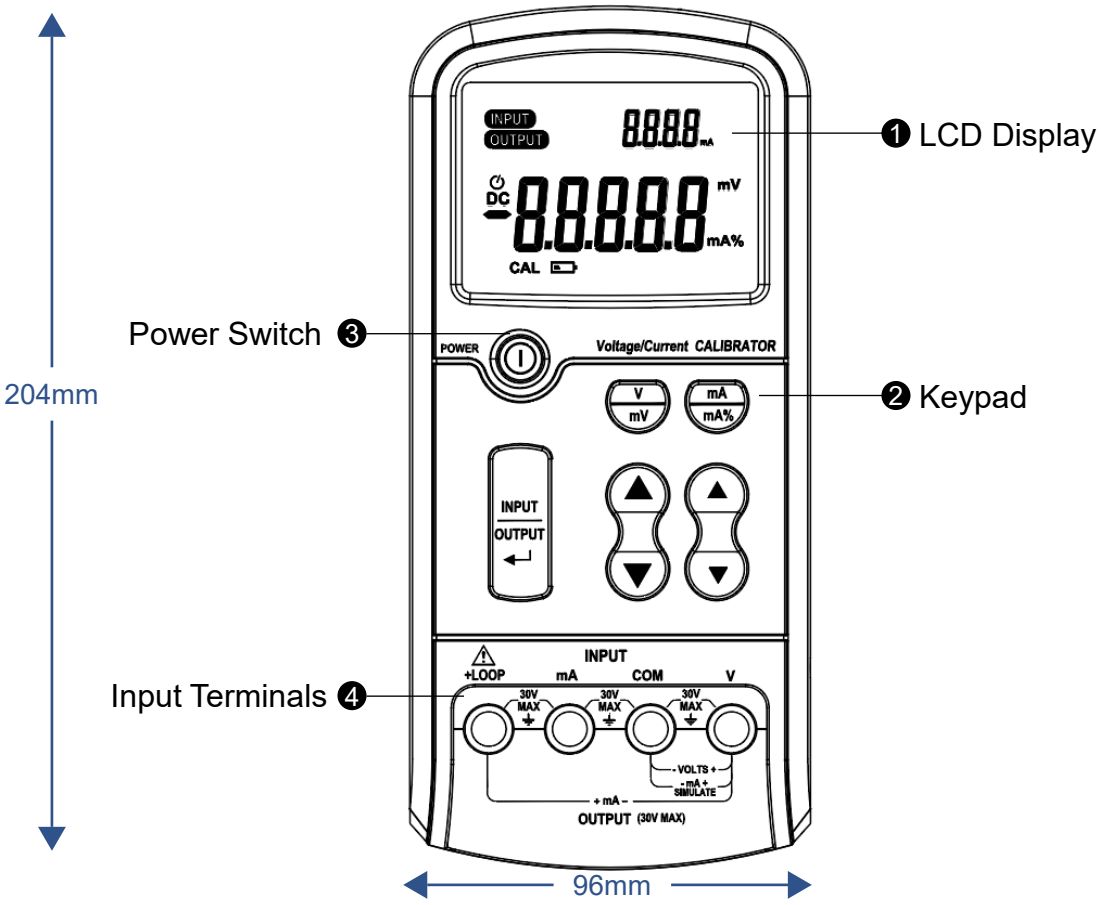
PRODUCT HIGHLIGHTS



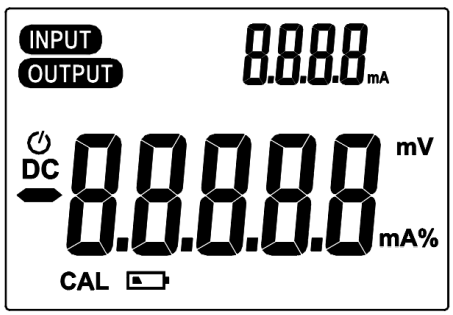
Accuracy and Simplicity

- Small & streamlined shape makes it easy to carry
- Rugged & reliable design stands up to field use
- Measure/source volts and mA
- Power transmitters during test using loop supply
- Measure and source 0-24mA and 0-20V signals
- Large dual 5 digits LCD display
- Standard jack for external power supply
- Best accuracy max. up to 0.015%

1. PANEL AND CONSTRUCTURE



2. LCD AND SYMBOL



- Display/char. height: 7-segment characters/16.72 mm
- Overflow display: “OL" is displayed
- Polarity display: "_" (minus sign) is displayed if plus pole is connected to "⊥"
- Sample rate: 3 times/sec for digital data

3. TECHNICAL SPECIFICATIONS

	VA700
DC Voltage Input & Output	0~100.00mV/ 0~20.000V ± (0.02%+3)
DC Current Input & Output	0~24.000mA ± (0.015%+3)
Loop Power Output	24V ± 10%
Over Voltage Protection	30V
Input Impedance	2 MΩ
Large Dual 5 Digits LCD Display	●

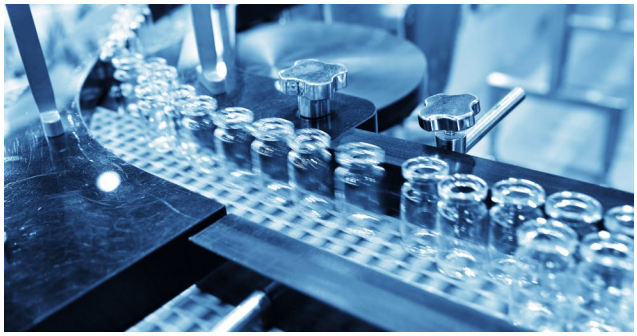
4. GENERAL SPECIFICATIONS

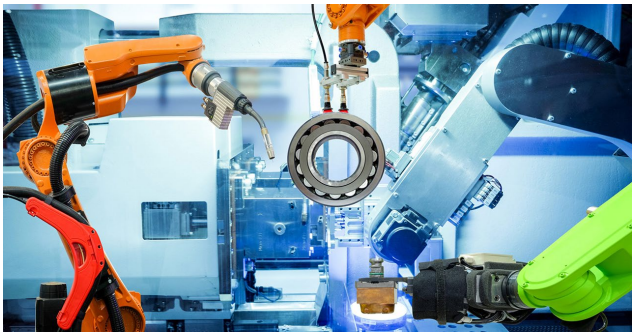
Function	Value
Operating Altitude	<3000m
Operating Temperature/Humidity	-10° C~55° C, 14° F~131° F
Storage Temperature/Humidity	-40° C~60° C, -40° F~140° F
Typical Temperature Coefficient	0.005x (specified accuracy) / ° C (<18° C or >28° C)
Low Battery Indicator	The “ ” is displayed when the battery is under the proper operation range
EMC	EN 61326-1
Fuse	F 0.125A/250V
Power Supply	Battery 1.5V (AAA) x6
Dimension/Weight	204(L) x 96(W) x 41(H) mm / Approx 402g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA700	Process Calibrator	1 Piece
	Test Leads	1 Set
	Battery 1.5V (AAA)	Not included
	User Manual	1 Piece
	Carry Bag	1 Piece
	Box	1 Piece

6. APPLICATIONS









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*Datasheet subject to change without notice