

DATA SHEET

VOLT/ MA CALIBRATOR VA700

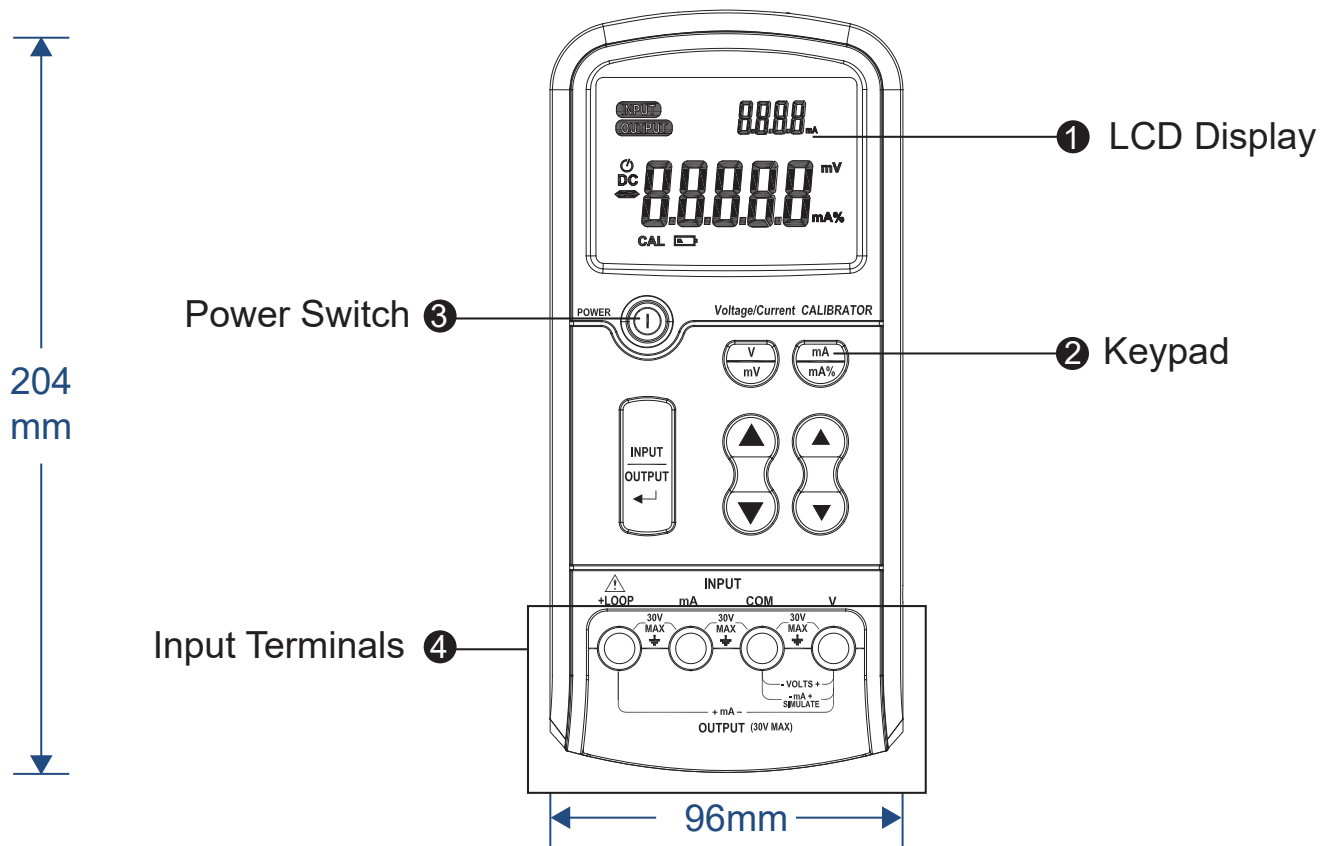
PRODUCT HIGHLIGHTS



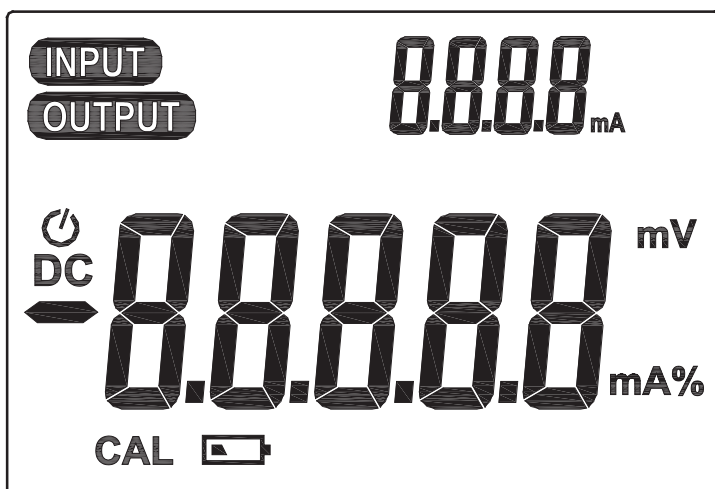
Accuracy and Simplicity

- 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	2M
Large Dual 5 Digits LCD Display	•

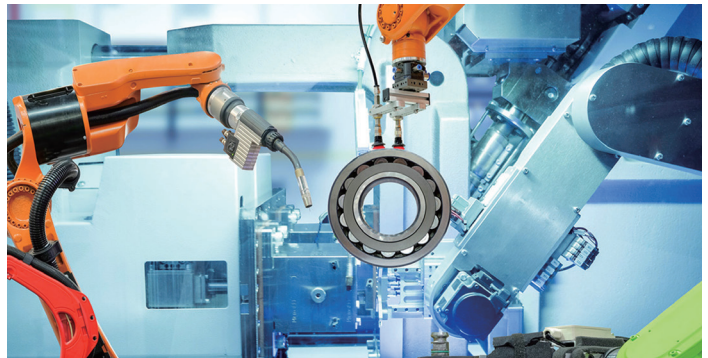
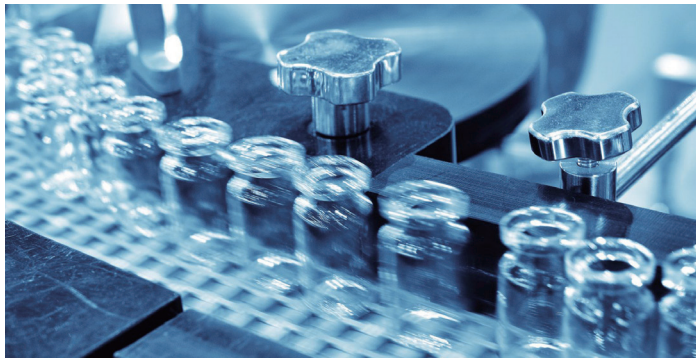
4. GENERAL SPECIFICATIONS

Function	Value
Operating altitude	< 3000 m
Operating temperature	-10°C~55°C, 14°F~131°F
Storage temperature	-40°C~60°C, -40°F~140°F
Typical temperature coefficient	0.005 x (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	AAA x 6 Pieces
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)	6 Pieces
	User Manual	1 Piece
	Box	1 Piece

6. APPLICATIONS



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