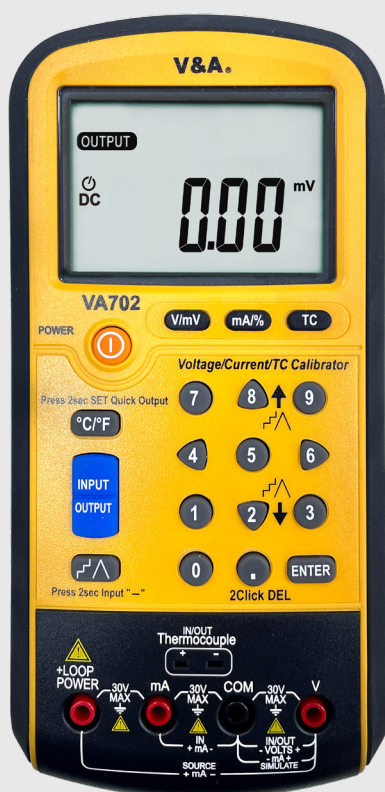


DATA SHEET

VOLT/ MA & THERMOCOUPLE CALIBRATOR VA701/ VA702

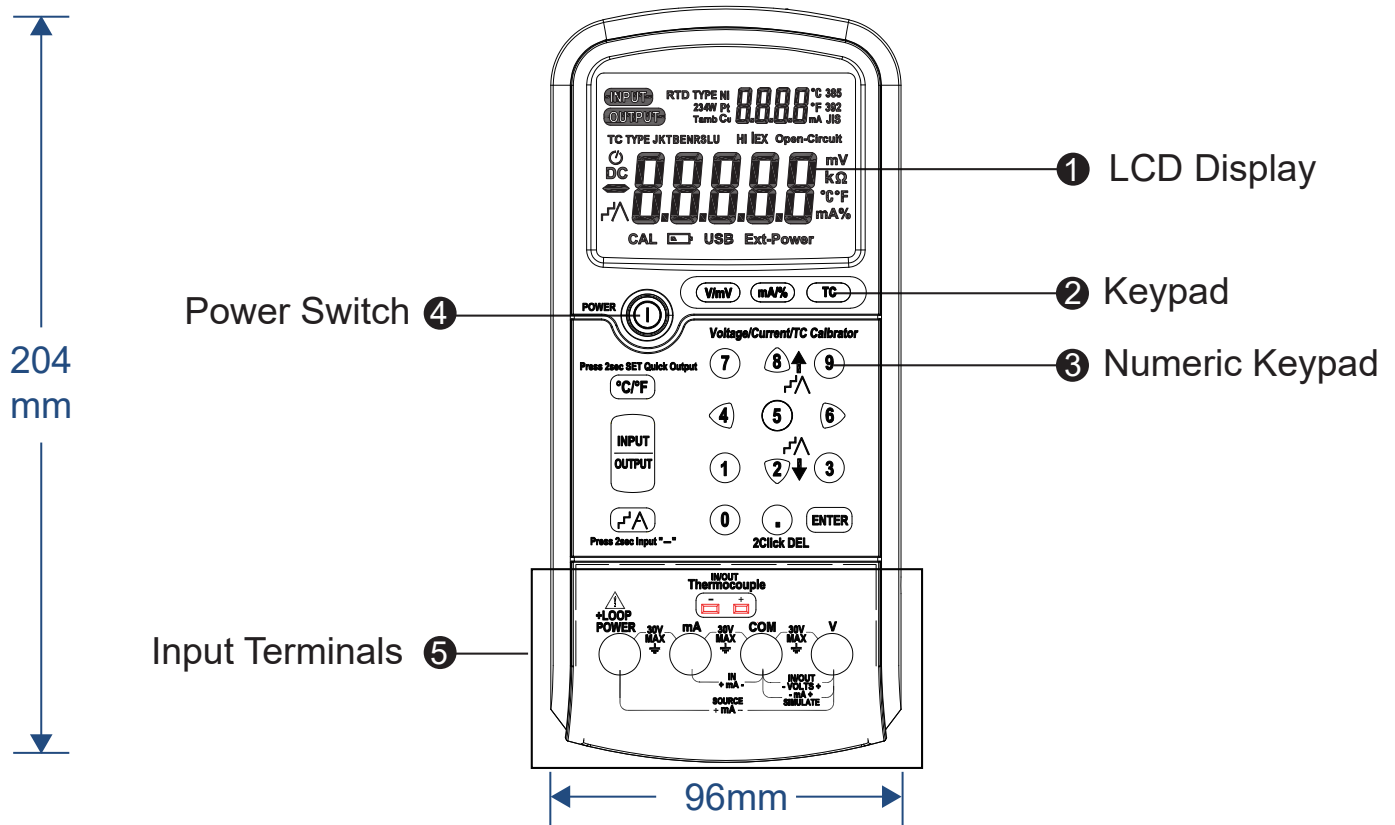
PRODUCT HIGHLIGHTS



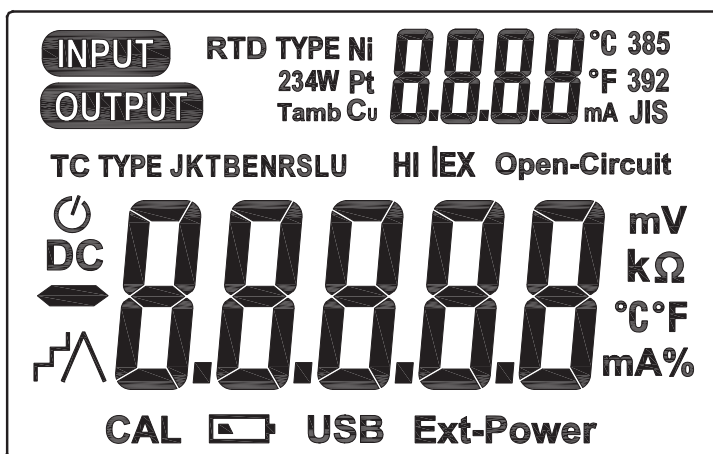
Accuracy and Simplicity

- Small & streamlined shape makes it easy to carry
- Rugged & reliable design stands up to field use
- Measure/ source volts, mA and thermocouples (Model Dependent)
- Power transmitters during test using loop supply
- Measure and source 0-24 mA, 0-20V and thermocouple signals (Model Dependent)
- Remote interface allows benchtop automated operations
- Large dual 5 digits LCD display
- Standard jack for external power supply
- Store/ recall 10 group setting
- Best accuracy max. up to 0.06% & 0.7°C (Model Dependent)

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

	VA701	VA702
DC Voltage Input & Output	-10~100.00mV/ 0~20.000V±(0.1%+5)	0~100.00mV±(0.06%+4)/ 0~20.000V±(0.08%+5)
DC Current Input & Output	0~24.000mA±(0.1%+3)	0~24.000mA±(0.08%+5)
Thermocouple Type	-	J, K, T, E, R, S, B, N
Loop Power Output	24V±10%	24V±10%
Over Voltage Protection	30V	30V
Input Impedance	2M	2M
Large Dual 5 Digits LCD Display	•	•

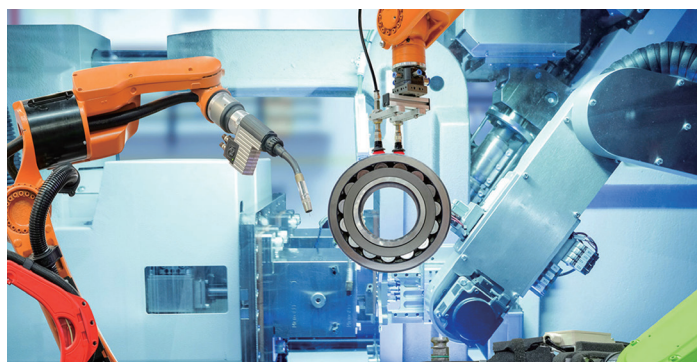
4. GENERAL SPECIFICATIONS

Function	Value
Operating altitude	< 2000 m
Operating temperature	-10°C~50°C, 14°F~122°F
Storage temperature	-40°C~60°C, -40°F~140°F
Typical temperature coefficient	±0.01%/ of range per °C for the temperature range -10°C to 18°C and 28°C to 50°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 418g (without battery)

5. SCOPE OF SUPPLY

Model Number	Scope of Supply	Quantity
VA701/ VA702	Process Calibrator	1 Piece
	Test Leads	1 Sets
	Alligator Clips	1 Sets
	Mini-USB Cable	1 Piece
	CD Disk	1 Piece
	K-Type Thermocouple Sensor (VA702)	1 Piece
	Battery 1.5V (AAA)	6 Pieces
	User Manual	1 Piece
	Box	1 Piece

6. APPLICATIONS



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