

Volt / mA Calibrator is a source and measurement tool. This calibrator is use to measure or output 0 to 24 mA DC Current loop, & 0 to 20V DC Voltage. But the calibrator cannot be used to measurement and source simultaneously.

## Mode KM-CAL-700



### GENERAL SPECIFICATIONS :

- \* DC Voltage input and output : 0-100.00mV / 20.000V $\pm$  (0.02% + 3)
- \* DC Current input and output: 24.000mA  $\pm$  (0.015% + 3)
- \* Loop Power output : 24V  $\pm$  10%
- \* Input impedance : 2Megohm.
- \* Over Voltage protection : 30V
- \* Voltage driver capability : 1mA
- \* 5 digit LCD dual display
- \* LCD size : 64 x 42mm
- \* Operating Temperature : -10°C ~ 55°C
- \* Storage Temperature : -40°C ~ 60°C
- \* Operating altitude : 3000 meters maximum
- \* Temperature Coefficient :  $\pm$  0.005% of range per °C for the temperature range -10°C to 18°C & 28°C to 55°C
- \* Relative Humidity : 95% upto 30°C, 75% upto 40°C, 45% upto 50°C, 35% upto 55°C.
- \* Shock : Random 2g, 5Hz to 500Hz
- \* Fuse : 125mA / 250V fast acting fuse
- \* Power Supply : 1.5V AAA x 6 batteries.
- \* External power optional
- \* Dimension : 204(L) x 99(W) x 46(H)mm
- \* Weight : Approx. 460g. (including battery)

### ACCESSORIES :

Double insulation Test Leads , 2 Crocodile Clips, DC 1.5V (AAA) Battery x 6, Carrying Case, User's Manual.

Preliminary Data

## ELECTRICAL SPECIFICATIONS : KM-CAL-700

Measurement & Output Voltage Parameter

Function	Range	Resolution
DCV mV Input	0 ~ 100mV	0.01mV
	0 ~ 20 V	0.001V
DCV mV Output	0 ~ 100mV	0.01mV
	0 ~ 20 V	0.001V
Loop Power Output	24 V DC	N / A

Measurement & Output mA Parameter

Function	Range	Resolution
DC mA Input	0 ~ 24 mA	0.001 mA
DC mA Output	0 ~ 24 mA	0.001 mA

Note: All Specification are Subject to change without prior notice.