CALIBRATORS

RTD CALIBRATOR SOURCE & MEASURE Model - KM-CAL-803



Acc. 0.05%

The new KUSAM-MECO RTD Source & Measure Calibrator Model KM-CAL-803 is a high accuracy(0.05%) Calibrator. It has 4 digit LCD display .

✶ **Display :** Large 4 digit LCD display.

✶ **Basic Accuracy :** ± 0.05%

✶ **FUNCTIONS :**

- **OUTPUT FUNCTION :(SOURCE)**
  - **Simulate Resistance Ohm Range :** 400Ω / 4000Ω
  - **Output Range :** 0.1 ~ 400.0Ω / 1 ~ 4000Ω
  - **Accuracy :** ± 0.05% ± 2dgt
  - **Thermal Resistance RTD :** Pt100 / Cu50
  - **Thermal Resistance RTD :** Pt200 / Pt500 / Pt1000
  - **Accuracy :** ± 0.05% ± 6 dgts
- **INPUT FUNCTION : (MEASURE)**
  - **Resistance Ohm Range :** 500Ω / 5000Ω
  - **Input Range :** 0.1 ~ 500.0Ω / 1 ~ 5000Ω
  - **Accuracy :** ± 0.05% ± 2 dgts
  - **Thermal Resistance RTD :** Pt100 / Pt200 / Pt500 / Pt1000 / Cu50
  - **Accuracy :** ± 0.05% + 0.6°C
- **Max. Allowable Voltage :** 30V.

✶ **SAFETY :**

- Complies with IEC1010 (safety standard issued by IEC).

✶ **ADDITIONAL FUNCTIONS :**

- Auto Power Off in 15 minutes.
- **Power Consumption :** about 70mA / 3V

✶ **Power supply :** 1.5V x 2 AA Alkaline batteries.

✶ **Dimension :** Approx 180(L) x 90(W) x 47(D)mm (with Holster)

✶ **Weight :**Approx. 500 gm. (including battery)

✶ **Accessories :** User Manual, Test lead CF-36, (Clips for probe), Holster & Carrying case.

VOLTAGE / mA CALIBRATOR SOURCE (DCV, DCA) Model - KM-CAL-814



Acc. 0.05%

CE approved

The new KUSAM-MECO Volt & milliampere Calibrator Model KM-CAL-814 is a high accuracy(0.05%) Calibrator. It has 5 digit LCD display with high stability. It can be used for calibrating Transmitters, Thermocouples, SCADA systems, Transducers. It also provides loop circuit power 24V.

✶ **Display :** Large 5 digit LCD display with white backlight.

✶ **Basic Accuracy :** ± 0.05%

✶ **FUNCTIONS :**

- **OUTPUT FUNCTION : (SOURCE)**
  - **DC Voltage :** -1.000V ~ 11.000V
  - **Accuracy :** ± 0.05% + 2mV
  - **DC Current :** 0.000mA ~ 30.000mA
  - **Accuracy :** ± 0.05% + 4μA
  - **Loop Power :** 24V
  - **Accuracy :** ± 10%
- **Max. Allowable Voltage :** 30V.
- **Max. output current 25mA.**

✶ **SAFETY :**

- Electrical Safety EN61010-1:2001
- **Electromagnetic compatibility (EMC) :** EN61326-1:2006
- **Vibration and fall :** IEC 60068-2-64 : 2008, IEC 60068-2-32 : 2008

✶ **ADDITIONAL FUNCTIONS :**

- LED Backlight for lighting.
- User-optional large-suction magnetic sling is provided.
- Automatic waveform output includes: automatic stepping, sawtooth wave and triangular wave and (the automatic waveform operation parameters can be configured).
- Manual step output includes: 25% stepping and 100% stepping.
- mA is equipped with the percentage display mode.
- Random, 2g, 5 - 500Hz; 1m drop test.
- Auto Power Off selectable 0-60 minites
- **Power Consumption :** about 400mA / 3V in condition of 1kΩ load & 20mA output.

✶ **Power supply :** AA x 3 Alkaline batteries.

✶ **Dimension :** Approx.180(L) x 90(W) x 47(D)mm (with protector)

✶ **Weight :** Approx. 500 gm. (including battery)

✶ **Accessories :** User Manual, Test lead pair battery, Latch Key & Carrying case.

✶ **Optional Accessories :** Magnetic Sling

LOOP CALIBRATOR SOURCE / MEASURE (DCA, DCV) Model - KM-CAL-815



Acc. 0.05%

CE approved

✶ **Display :** 5 digit LCD display.

✶ **Basic Accuracy :** ± 0.05%

✶ **FUNCTIONS :**

- **OUTPUT FUNCTION : (SOURCE)**
  - **DC Current :** 0.000mA ~ 30.000mA
  - **Accuracy :** ± 0.05% + 4μA
  - **Resolution:** 0.001mA
- **INPUT FUNCTION : (MEASURE)**
  - **DC Voltage range :** -30.000V ~ 30.000V
  - **Accuracy :** ± 0.02% + 2mV
  - **DC Current :** -30.000mA ~ 30.000mA
  - **Accuracy :** ± 0.02% + 4μA
  - **Loop Power :** 24V
  - **Max. Output Current :** 22mA

✶ **SAFETY :**

- Electrical Safety EN61010-1:2001
- **Electromagnetic compatibility (EMC) :** EN61326-1:2006
- **Vibration and fall :** IEC 60068-2-64 : 2008, IEC 60068-2-32 : 2008

✶ **ADDITIONAL FUNCTIONS :**

- Loop current function
- LED flashlight for lighting.
- Automatic waveform output includes: automatic stepping, sawtooth wave and triangular wave and (the automatic waveform operation parameters can be configured).
- Manual step output includes: 25% stepping and 100% stepping.
- mA display in percentage.
- Random, 2g, 5 - 500Hz; 1m drop test.
- Auto Power Off.
- The output current is selectable from 0 ~ 20mA or 4 ~ 20mA.

✶ **Power supply :** 1.5V x 2 AA Alkaline batteries.

✶ **Dimension :** Approx. 180(L) x 90(W) x 47(D)mm (with protector)

✶ **Weight :**Approx. 500 gm. (including battery)

✶ **Accessories :** User Manual, Test lead pair battery, Latch Key & Carrying case.

✶ **Optional Accessories :** Magnetic Sling