KUSAM-MECO®
An ISO 9001:2015 Company

DIGITAL TRMS EARTH RESISTANCE TESTER

MODEL- KM 2031

THINK SAFETY
THINK KUSAM-MECO®

FEATURES :

- **Measuring range of the earth resistance :** 0-2000Ω.
- **Normal working state of LED lamp indication.**
- **Display mode:** LCD display, maximum display 1999;
- **Response time:** Measure the earth resistance for about 5 seconds.
  measure the grounding voltage for about 1 second.
- **Operating Temperature :** 0°C to 40°C Relative Humidity <80%
- **Storage Temperature :** -10°C to 50°C Relative Humidity <80%
- Low Battery Indication
- **Auto power off :** 10 minutes after it is turned on if no key is pressed
  or the knob is not turned. Press HOLD to wake up in sleep mode.
- **Battery :** 3.7V x 2 lithium battery.
- **Dimension :** Approx. 189(L) x 89(W) x 55(H)mm
- **Weight :** Approx. 400g. (including battery)
- **Accessories :** Auxiliary earth spikes-2nos, Test Leads 1set (Red Test Lead 15m, Yellow Test Lead 10m and the Green Test Lead 5m), Test Leads 1set (Red Test Lead 1.6m and Green Test Lead 1.6m with crocodile clips), Test Lead pair (Black & Red), User Manual, Battery charger & Carrying case.

NEW

CAT III 1000V

IEC61010-1



Preliminary Data

ELECTRICAL SPECIFICATIONS KM 2031

Temperature: 23°C ± 5°C Relative Humidity <75%

Earth Resistance

Range	Resolution	Accuracy
20 Ω	0.01 Ω	±(2%rdg + 0.1Ω)
200 Ω	0.1 Ω	±(2%rdg + 3dgts)
2000 Ω	1 Ω	

Overload protection : AC 250V effective value

AC VOLTAGE

Range	Resolution	Accuracy
200 V	0.1 V	±(1.2%rdg + 5dgts)
1000 V	1 V	

Overload protection : 1500V peak value
Input resistance : 10MΩ
Frequency scope : 40 to 400Hz

DC VOLTAGE

Range	Resolution	Accuracy
2 V	1 mV	±(0.5%rdg + 5dgts)
20 V	10 mV	
200 V	100 mV	
1500 V	1 V	±(1%rdg + 5dgts)

Overload protection : 1500V peak value
Input resistance : 10MΩ

All Specifications are subject to change without prior notice.

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