KUSAM-MECO®
An ISO 9001:2015 Company

CLAMP-ON TYPE DIGITAL EARTH RESISTANCE TESTER WITH BLUETOOTH FUNCTION MODEL - KM 1620

THINK SAFETY
THINK KUSAM-MECO®

Earth Resistance Tester is widely used for earth resistance testing of the equipments in the field of power, telecommunication, meteorology, oilfield, construction and the industrial and electrical equipment.. It features easy operation, high-accuracy and good adaptation of testing environment.



FUNCTIONS AND FEATURES:

- **Bluetooth function. (Mobile App)**
- **Beyond the limitation of the traditional method of earth resistance testing, no assistance poles are required, with easy and convenient operation.**
- **Automatic range selection & self calibration.**
- **No error of electrodes arranging, which results in good consistency under the condition of earth resistance testing.**
- **Equipped with standard testing coil (5.1Ω)which can be used to do the self-testing with accuracy.**
- **With a compact & sturdy structure, it can operate under the condition of harsh-environment.**
- **Mode key switch key of function mode (Resistance measurement / data access).**
- **High-Low limits set table for Resistance.**
- **Hold Key for lock / release display**
- **Set key function key combinations.**


Carrying Case

GENERAL SPECIFICATIONS :

- **Resistance Measurement Range :** 0.01 - 1500 Ω
- **Maximum Resistance Measurement Resolution :** 0.001Ω
- **Measurement Resistance Frequency :** > 1 KHz
- **Jaw Opening Size :** 32 mm
- **Display screen :** 4 digit LCD Backlight ; 47 x 28.5 mm in length
- **Max. Bus Bar Dimension :** 32 mm × 65 mm
- **Structure :** Clamp CT
- **Single Measurement Time :** 0.5 second
- **Protection grade :** double insulation
- **Working Temperature :** -20°C ~ 55°C10; RH-90%RH
- **Operating Humidity:** 10% ~ 90%RH
- **External Magnetic Field :** < 40A / m
- **External Electric Field :** < 1V/m
- **Data Storage :** 500 groups

All Specifications are subject to change without prior notice.

- **Setting Range of Resistance Alarm Critical Value :** 1 ~ 199Ω
- **Setting Range of Current Alarm Critical Value :** 1 ~ 499mA
- **Audible & Visual alarm :** "beep--beep--beep --" alarm sound. Press “AL” key to turn on and off

  Power supply : 4 X AA Alkaline dry battery (6VDC)
- **Weight :** Approx. 1160gm
- **Dimension :** Approx. 285(L) x 85(W) x 56(D) mm
- **Accessories :** Standard Testing Coil (5.1Ω), User manual, Batteries & Strong Carrying Case.

ELECTRICAL SPECIFICATIONS

Accuracy : ±% reading ± digits environment to guarantee accuracy : 23°C ± 5°C, less than 75% RH

RESISTANCE

Measurement Range (Ω)	Resolution (Ω)	Accuracy (Ω)
0.010~ 0.099Ω	0.001 Ω	±(1% + 0.01Ω)
0.10~ 0.99 Ω	0.01 Ω	±(1% + 0.01Ω)
1.0 ~ 49.9 Ω	0.1 Ω	±(1% + 0.1Ω)
50.0 ~ 99.5 Ω	0.5 Ω	±(1.5% + 0.5Ω)
100 ~ 199 Ω	1 Ω	±(2% + 1Ω)
200 ~ 395 Ω	5 Ω	±(5% + 5Ω)
400 ~ 590 Ω	10 Ω	±(10% + 10Ω)
600 ~ 880 Ω	20 Ω	±(20% + 20Ω)
900 ~ 1500 Ω	30 Ω	±(25% + 30Ω)

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