

Digital capacitance meters

NCM-20 DIGITAL CAPACITANCE METERS

Product features

- Designed to quickly and accurately measure the capacitance of
 - Loose capacitor units
 - Capacitor units mounted in a capacitor bank (without the need of removing any connecting wire between the capacitor units)
- The measurement is used to find
 - Capacitor units with low capacitance (with blown internal fuses)
 - Capacitor units with high capacitance (with short-circuit over a series connection)
- Measurement range: 0 μ F to 2,000 μ F with 0.05% resolution

Advantages

- No need for power supply
 - The display unit and the generator unit have rechargeable batteries
 - The meter can be used in areas without readily available power supply
- Built-in calibration system
 - Calibration capacitor located inside the generator unit
 - Display unit and current clamp can be calibrated easily and fast by putting the clamp around the handle of the generator unit
 - Calibration is recommended before and after each measurement
- Small size and weight (approx. 9.5 kg)
- Rigid aluminum case
- Digital display

Typical customers

- Electric utilities
- Companies providing maintenance
- Companies providing measurements
- Consultant firms

Accessories supplied with every capacitance meter

- Clamp-on current transformer (100 mm opening)
- Voltage clips with 1 m cable and connector
- 1 pc carrying strap for display unit
- 1 pc suspension strap for generator unit
- Instruction manual
- Battery charger 230 VAC/18 VDC 50/60 Hz



SPECIFICATIONS

Ranges	2000 μ F 200 μ F 20 μ F	Range Display	0...1,999 μ F 0...1,99.9 μ F 0...1,9.99 μ F
Loading capacitance			2,000 μ F max.
Measuring frequency			111.86 Hz
Measuring voltage			1.41 Vrms
Error			\pm 1% of reading \pm 2 digits
Resolution			0.05 % between 1 and 2,000 μ F
Temperature range			-10...+ 50° C
Dimensions			450 x 350 x 250 mm
Weight			approx. 9.5 kg