

High Value Standard Capacitor TYPE 6230A / 6233A



6230A and 6233A are High Value Standard Capacitor with four terminals. The instruments produce great volume equivalently up to 1F by using a high quality capacitor and a precision transformer. The instruments are usable as standard units for calibration for LCR meters.(Model 6230A can change the step at the rate of 1/10.)

Features

- Able to set the volume of electrostatic capacity from 1 μ F to 1F.
- Available to use three ranges of 50Hz,120Hz and 1kHz(up to 10mF at 1kHz)
- Being equipped internally a high quality capacitor and a precision transformer, the instruments are best fitted to be used as standard units due to its extreme accuracy, temperature coefficient and long term drift.
- Very handy to use due to small size and light weight.
- By using calibration terminal, Model 6233A is able to calibrate the internal precision transformer and to attach the standard capacitor externally.

Specifications

Description/Model	6230A	6233A
Electrostatic Capacity	1 μ F-1F(At 50kHz) 1 μ F-1F(At 120kHz) 1 μ F-10mF(At 1kHz) Adjustable by 1/10 step	1 μ F,10 μ F,100 μ F,1mF, 10mF,100mF 1F(At 50Hz and 120Hz) 1 μ F,10 μ F,100 μ F,1mF,10mF(At 1kHz)Fixed
Ajustable Accuracy		1 μ F, 10 μ F, 100 μ F, \pm 0.2% 1mF \pm 0.4% 10mF, 100mF \pm 1% 1F \pm 4%
Transmission Loss		0.01 \pm 0.001
Temperature		\pm 60ppm/ Δ C
Accuracy in long use		\pm 100ppm
Frequencies		50Hz,120Hz,1kHz
Dimensions(W/H/D)	210 / 120 / 240 (mm)	210 / 120 / 190 (mm)

- Special BNC exchange fixture(with short fixture) is available as option.
- Specifications are subject to change without notice due to improvement
- SunJEM will design products to meet your individual requirements. Please feel free to consult with us for products other than ready-made ones.