

## FEATURES

- Easy and correct readout.
- High measuring accuracy.
- Measurements are possible even under a strong magnetic field.
- LSI-circuit provides high reliability and durability.
- Input overload protection is provided.
- LCD display for low power consumption and clear readout even in bright ambient light conditions.
- In-line pushbuttons allow one hand operation.
- Light-weight and compact construction for easy operation.
- Low battery indication.

## GENERAL SPECIFICATIONS

<b>Display</b>	: LCD (Liquid Crystal Display) Max. Indication 1999, 3½ digits
<b>Measurement</b>	: Capacitance
<b>Range</b>	: Single 9 position, whole range value (from 0.1pF to 20000uF)
<b>Zero Adjustment</b>	: Manual (range:±20pF)
<b>Calibrate Adjustment</b>	: Have two internal adjustment. One is panel Zero adjustment.
<b>Over range</b>	: Display shows "1".
<b>Sampling Time</b>	: 0~5second
<b>Operating Temp</b>	: 0°C to 40°C
<b>Operating Humidity</b>	: 80% max. R.H.
<b>Power Supply</b>	: Single, standard 9 volt battery. NEDA 1604IEC6F22
<b>Battery Life (basic type)</b>	: Approx.: 200 hours (typical)
<b>Zinc-Carbon type approx.</b>	: 100 hours
<b>Typical consumption current</b>	: 3~4mA (Range:200pF-200uF)
<b>Standard Accessories</b>	: Test alligator clips (red & black)...1 pair. Instruction manual.....1 pc.



## TECHNICAL SPECIFICATIONS

Accuracy is ±(percentage of reading + number of digit) at 23±5, <80%RH.

Range	Accuracy	Resolution	Test Frequency	Max indication value
200pF	±(0.5%+1)	0.1pF	800Hz	199.9pF
2nF		1pF	800Hz	1.999nF
20nF		10pF	800Hz	19.99nF
200nF		100pF	800Hz	199.9nF
2uF		1000pF	800Hz	1.999uF
20uF		0.01uF	80Hz	19.99uF
200uF	±(2.0%+2)	0.1uF	8Hz	199.9uF
2000uF		1uF	8Hz	1999uF
20000uF		10uF	8Hz	1999(×10)uF

pF= Pico Farad (10<sup>-12</sup>F), nF= nan Farad (10<sup>-9</sup>F).

uF= micro Farad (10<sup>-6</sup>F)

Zero Error: ±20Pf

**Excitation voltage** : Max.2.8Vrms

**Overload Rating** : Protection by a 0.2A/250V fuse

\*Technical Specifications & Appearance are subject to change without prior notice