

### TEST INSTRUMENTS

#### FEATURES

- Large LCD screen with backlight
- High measuring accuracy
- Measurements possible even under a strong magnetic field
- LSI-circuit provides high reliability and durability
- Input overload protection
- LCD display for low power consumption and clear readout even in bright ambient light conditions
- Light-weight and compact construction for easy operation
- Low battery indication

#### SPECIFICATIONS

Display: LCD (Liquid Crystal Display) Max. Indication 1999.  
 Measurement: C (Capacitance)  
 Range: Single 9 position, whole range value (from 0.1pF to 20000uF)  
 Zero Adjustment: Manual (range:±20pF)  
 Calibrate Adjustment: Panel Zero adjustment  
 Over-input Display: Display shows “1”  
 Backlight Function: Automatically turns off after 8 seconds  
 Sampling Time: 0~5second  
 Operating Temp: 0°C to 40°C.  
 Operating Humidity: 80% MAX.R.H.  
 Power Supply: Single standard 9V battery. NEDA 1604IEC6F22  
 Battery Life: Basicity type: approx 200 hours.  
 Zinc-Carbon type: approx 100 hours  
 Typical consumption current: 3~4mA (RANGE:200pF-200uF)  
 Standard Accessories: Test alligator clips (red & black)... 1 pair  
 Instruction manual..... 1 pc

#### ELECTRICAL SPECIFICATION

Accuracy is  $\pm$  (percentage of reading + number of digit) at  $23 \pm 5^\circ\text{C}$ , <80%RH.

Range	Accuracy	Resolution	Test Frequency	Max indication value
200pF	$\pm (0.5\%+7)$	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	$\pm (0.5\%+5)$	0.01uF	80Hz	19.99uF
200uF		0.1uF	8Hz	199.9uF
2000uF		1uF	8Hz	1999uF
20000uF	$\pm (3\%+10)$	10uF	8Hz	1999( $\times 10$ )uF

