

YF-150 Digital Capacitance Meter

is designed and built according to the EMC Directive standards EN 50081-1, EN 50082-1.



DISPLAY

- 3 1/2 digits LCD with 0.86" (22mm) high and a maximum reading of 2000
- Overload indication : LCD display "1" in the left highest position.
- Low battery indication : " BAT ".

FUNCTIONS

- 9 test ranges 200pF ~ 20mF
- Display rate 0.5 second approx.
- Zero adjustment ± 20 pF approx.

SAMPLING SPEED :

- 2.5/S

SPECIFICATIONS

Accuracy: \pm (....rdg+....dgt)at 23°C \pm 5°C, below 80% RH.

Range	Resolution	Accuracy	Maximum display	Test frequency	Overload protection
200pF	0.1pF	$\pm(0.5\%+1+0.5\text{pF})$	199.9pF	819.2Hz	0.1A/250V fuse
2000pF	1pF		1999pF		
20nF	10pF		19.99nF		
200nF	100pF		199.9nF		
2 μ F	1nF		1.999 μ F		
20 μ F	10nF		19.99 μ F		
200 μ F	100nF	199.9 μ F	8.912Hz		
2000 μ F	1 μ F	1999 μ F			
20mF	10 μ F	19.99mF			

* pF=10⁻¹²F, nF=10⁻⁹F, μ F=10⁻⁶F, mF=10⁻³F, Test voltage < 3.2V.

ACCESSORIES

- User's manual
- Test leads
- 9V battery x 1pc

POWER SUPPLY

- Battery type: 9V NEDA 1604, IEC 6F22, JIS 006P x 1pc.
- Battery life: About 200 hours (alkaline battery)

OPERATION CONDITION

- Operating temperature & humidity:
0°C~40°C, below 80% RH.
- Storage temperature & humidity:
-10°C~60°C, below 70% RH.

DIMENSION:

- Size: 143 x 74 x 39mm (L x W x H)
- Weight: About 267g (including battery)