METRAVI® THE QUALITY LEADER | DIGITAL CAPACITANCE METER | DCM-1502

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

Display	:	LCD (Liquid Crystal Display) Max. Indication 1999, 3½ digits
Measurement	:	Capacitance
Range	:	Single 9 position, whole range value (from 0.1pF to 20000uF)
Zero Adjustment	:	Manual (range:±20pF)
Calibrate Adjustment	:	Have two internal adjustment. One is panel Zero adjustment.
Over range	:	Display shows "1".
Sampling Time	:	0~5second
Operating Temp	:	0ºC to 40ºC
Operating Humidity	:	80% max. R.H.
Power Supply	:	Single, standard 9 volt battery. NEDA 1604IEC6F22
Battery Life (basic type)	:	Approx.: 200 hours (typical)
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.

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		0.1uF	8Hz	199.9uF
2000uF	±(2.0%+2)	1uF	8Hz	1999uF
20000uF		10uF	8Hz	1999(×10)uF

pF= Pico Farad (10^{-12}F),nF= nan Farad (10^{-9}F).
uF= micro Farad (10^{-6}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