Metrix+™
Innovative Excellence

NEW

Digital LCR Multimeter

General features

1-1. Panel Calibrate LCR Multimeter,
1-2. International Safety Standard IEC-1010-1
1-3, basic accuracy of direct current: ±0.5%;
1-4. way of Display: Extra Large LCD Backlight display;
1-5. display: 1999 (3 1/2), greatest display of the resistance files: 1980;
1-6. measure way: Double integral (3 1/2) A/D transformation;
1-7. Sampling speed: approximately 2.5 per second;
1-8. displays while surpass the measuring range : Highest position display " OL ";
1-9. display of insufficient battery: Displays"[-+] "
1-10.auto power off
1-11.Working conditions: 0~40 ℃, relative humidity <80%;
1-12. Storage environnent: -10~50 ℃, relative humidity <80;
1-13 Power source: One 9v battery (NEDA1604/6F22
1-14.Size & Weight: 180 x 85 x 42mm 350gm.include battery
1-15 accessories: instruction Manual, outside packing box, Test Leads 9V battery, CX/HEF test plug.



Metrix+ **451**

2.Technical Specification

Accuracy is specified for a period of year after calibration and at 18°C to 28°C (64°F to 82°F) with relative humidity to 75%.

D C Voltage

range	Resolution	Accuracy
200mV	0.1mV	± (0.5%+5)
2V	1mV	
20V	10mV	
200V	100mV	
1000V	1V	± (0.8%+5)

A C Voltage

range	Resolution	accuracy
2V	1mV	± (0.8%+5)
20V	10mV	
200V	100mV	
700V	1V	± (1.2%+7)

D C Current

range	Resolution	accuracy
2mA	1μA	± (0.8%+5)
200mA	100μA	± (1.2%+5)
10A	10mA	± (2%+5)

A C Current

range	Resolution	accuracy
200mA	100μA	± (1.8%+5)
10A	10mA	± (3%+7)

Resistance

range	Resolution	accuracy
200Ω	0.1Ω	± (0.8%+3)
2kΩ	1Ω	
20kΩ	10Ω	
200kΩ	100Ω	
2MΩ	1kΩ	
20MΩ	10kΩ	± (1%+5)

Capacitance

range	Resolution	accuracy
20nF	10pF	± (3%+5)
200nF	100pF	
2μF	1nF	
20μF	10nF	
200μF	100nF	± (5%+10)

Inductance

Range	Resolution	accuracy
2mH	0.001mH	± (3%+15)
20mH	0.01mH	± (3%+5)
200mH	0.1mH	
20H	10mH	

Frequency

Range	Resolution	accuracy
2kHz	1Hz	± (0.5%3)
20kHz	10Hz	
200kHz	100Hz	-
Input sensitivity(rms)		500mV

HFE Test of crystal Triode

range	illustration	Test conditions
hFE	Display range: 0～1000β	Ibo≈10μA,Vce≈3V

Continuity

range	Illustration	Test conditions
▶|—	Displays the diode forward voltage approximation	Positive direction DC1mA Reverse direction DC3V
•)))	Breakover resistance＜ approximately50Ωbeep rings, displays the resistance approximation	Plough voltage about3V