

# **DIGITAL LCR METER**

## INTRODUCTION

The Metravi 460 LCR Meter is an 11,000 counts instrument with a 3 1/2 digits, Backlit, LCD display.

Widely used for measuring Inductance, Resistance, Capacitance and conducting Diode, Continuity and Transistor tests.

With an IP67 certified, rugged body and high accuracy, it proves to be an ideal toll for professionals and amateurs alike.

Measures:

 $\begin{array}{ll} \mbox{Inductance} & 2\mbox{mH-20H} \\ \mbox{Capacitance} & 2\mbox{nF-1000uF} \\ \mbox{Resistance} & 200\Omega\mbox{-}20\mbox{M}\Omega \\ \end{array}$ 

Diode Test Transistor Test Continuity Buzzer Data Hold

#### **GENERAL SPECIFICATIONS**

Display : LCD

Max. Display : 11000 Counts, 3 1/2 digits, Auto Polarity Indication

 Measuring Method
 :
 dual slope A/D conversion

 Sampling Rate
 :
 approx. 3 times/second

 Over Range Indication
 :
 the MSD displays "1"

or equivalent model).

Size :  $189 \times 97 \times 35$ mm

Weight : approx. 380g(including battery).

Accessories : Test Leads, User Manual, Carrying Case

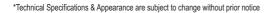
#### **TECHNICAL SPECIFICATIONS**

Accuracy: ±(a%×rdg+d) at (23±5)°C, R.H.<75%

#### INDUCTANCE

INDOGRANGE				
ACCURACY	RESOLUTION	MEASURE FREQUENCY		
	1uH			
±(2.0%+5d)	10 uH			
	100uH	About 200Hz		
±(5.0%+5d)	1mH			
±(5.0%+15d)	10mH			
	±(2.0%+5d) ±(5.0%+5d)	### ACCURACY RESOLUTION    1uH		

 $1H=10^{3}mH=10^{6}uH$ 





#### CAPACITANCE

	ACCURACY	RESOLUTION	MEASURE FREQUENCY
	±(1.0%+5d)	1pF	About 200Hz
RANGE		10pF	
200nF		100pF	
2#F	±(2.0%+5d)	1nF	
20⊭F		10nF	About 16Hz
200uF	±(5.0%+5d)	100nf	
1000uF	±(5.0%+25d)	1uF	About 8Hz

### RESISTANCE

RANGE	ACCURACY	RESOLUTION
200Ω	±(0.8%+5d)	0.1Ω
2kΩ		1Ω
20kΩ		10Ω
200kΩ	±(0.8%+3d)	100Ω
2ΜΩ		1kΩ
20 MΩ	±(1.0%+15d)	10 kΩ

www.metravi.com