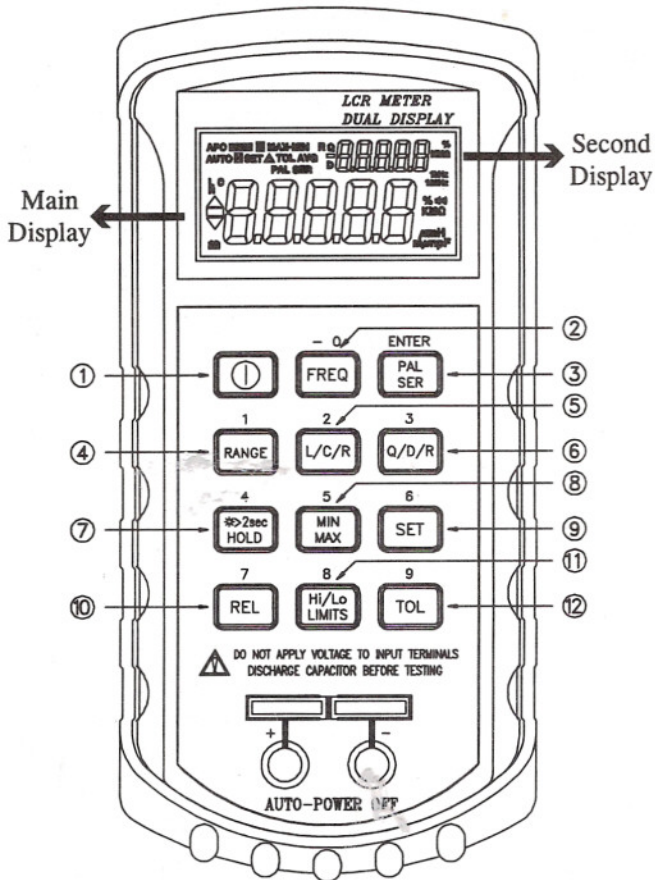


PANEL ILLUSTRATION



APO	:Auto power off enable annunciator
RS232	:Communication is activated annunciator
R	:Recording mode annunciator
MAX	:Maximum reading annunciator
MIN	:Minimum reading annunciator
AVG	:Average reading annunciator
AUTO	:Autoranging indicator
H	:Data hold annunciator
SET	:Set mode annunciator
Δ	:Relative mode annunciator
TOL	:Tolerance mode annunciator
PAL	:Parallel mode annunciator
SER	:Series mode annunciator
D	:Dissipation factor annunciator
Q	:Quality factor annunciator
R	:Parallel or Series Resistance annunciator
%	:Tolerance (percentage) annunciator
1KHz	:Frequency annunciator
120Hz	:Frequency annunciator
LCR	:L, C or R function annunciator

SPECIFICATIONS

CAPACITANCE :

- ▶▶ HI limits annunciator, Tolerance high annunciator
- ▶▶ Lo limits annunciator, Tolerance low annunciator
- ▶▶ Indicates the battery power is weakening
- ▶▶ Beeper tone indicator for tolerance mode
- ▶▶ Resistance (Ohm) annunciator
- ▶▶ Inductance (Henry) annunciator
- ▶▶ Capacitance(Fara) annunciator

Test Frequency 120Hz

Range	Min.	Max.	Cx	DF	Note
20mF	1μF	10.000mF	±(5.0% rdg +5counts) DF<0.1	±(10% rdg + 100/Cx + 5 counts) DF<0.1	after short cal.
2000μF	100nF	1999.9μF	±(1.0% rdg +5counts) DF<0.1	±(2.0% rdg + 100/Cx + 5 counts) DF<0.1	after short cal.
200μF	10nF	199.99μF	±(0.7% rdg +3counts) DF<0.5	±(0.7% rdg + 100/Cx + 5counts) DF<0.5	-
20μF	1nF	19.999μF	±(0.7% rdg +3counts) DF<0.5	±(0.7% rdg + 100/Cx + 5counts) DF<0.5	-
2000nF	100pF	1999.9nF	±(0.7% rdg +3counts) DF<0.5	±(0.7% rdg + 100/Cx + 5counts) DF<0.5	-
200nF	10pF	199.99nF	±(0.7% rdg +5counts) DF<0.5	±(0.7% rdg + 100/Cx + 5counts) DF<0.5	after open cal.
20nF	1pF	19.999nF	±(1.0% rdg +5counts) DF<0.1	±(2.0% rdg + 100/Cx + 5counts) DF<0.1	after open cal.

Test Frequency 1KHz

Range	Min.	Max.	Cx	DF	Note
2000 μ F	100nF	1000.0 μ F	$\pm(5.0\% \text{ rdg} + 5\text{counts})$ DF<0.1	$\pm(10\% \text{ rdg} + 100/\text{Cx} + 5 \text{ counts})$ DF<0.1	after short cal
200 μ F	10nF	199.99 μ F	$\pm(1.0\% \text{ rdg} + 3\text{counts})$ DF<0.5	$\pm(2.0\% \text{ rdg} + 100/\text{Cx} + 5\text{counts})$ DF<0.5	after short cal
20 μ F	1nF	19.999 μ F	$\pm(0.7\% \text{ rdg} + 3\text{counts})$ DF<0.5	$\pm(0.7\% \text{ rdg} + 100/\text{Cx} + 5\text{counts})$ DF<0.5	-
2000nF	100pF	1999.9nF	$\pm(0.7\% \text{ rdg} + 3\text{counts})$ DF<0.5	$\pm(0.7\% \text{ rdg} + 100/\text{Cx} + 5\text{counts})$ DF<0.5	-
200nF	10pF	199.99nF	$\pm(0.7\% \text{ rdg} + 5\text{counts})$ DF<0.5	$\pm(0.7\% \text{ rdg} + 100/\text{Cx} + 5\text{counts})$ DF<0.5	-
20nF	1pF	19.999nF	$\pm(0.7\% \text{ rdg} + 5\text{counts})$ DF<0.1	$\pm(0.7\% \text{ rdg} + 100/\text{Cx} + 5\text{counts})$ DF<0.1	after open cal
2000pF	0.1pF	1999.9pF	$\pm(1.0\% \text{ rdg} + 5\text{counts})$ DF<0.1	$\pm(2.0\% \text{ rdg} + 100/\text{Cx} + 5\text{counts})$ DF<0.1	after open cal

Test Frequency 120Hz

Range	Min.	Max.	Lx (DF<0.5)	DF (DF<0.5)	Note
20000H	1H	10000H	Not specified	Not specified	-
2000H	100mH	1999.9H	$\pm(1.0\% \text{ rdg} + \text{Lx}/10000 + 5\text{counts})$	$\pm(2.0\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	after open cal.
200H	10mH	199.99H	$\pm(0.7\% \text{ rdg} + \text{Lx}/10000 + 5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	-
20H	1mH	19.999H	$\pm(0.7\% \text{ rdg} + \text{Lx}/10000 + 5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	-
2000mH	100 μ H	1999.9mH	$\pm(0.7\% \text{ rdg} + \text{Lx}/10000 + 5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	-
200mH	10 μ H	199.99mH	$\pm(1.0\% \text{ rdg} + \text{Lx}/10000 + 5\text{counts})$	$\pm(3.0\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	after short cal.
20mH	1 μ H	19.999mH	$\pm(2.0\% \text{ rdg} + \text{Lx}/10000 + 5\text{counts})$	$\pm(10\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	after short cal.

INDUCTANCE :

Test Frequency 1KHz

Range	Min.	Max.	Lx (DF<0.5)	DF (DF<0.5)	Note
2000H	100mH	1000.0H	Not specified	Not specified	-
200H	10mH	199.99H	$\pm(1.0\% \text{ rdg} + \text{Lx}/10000+5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	after open cal.
20H	1mH	19.999H	$\pm(0.7\% \text{ rdg} + \text{Lx}/10000+5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	-
2000mH	100μH	1999.9mH	$\pm(0.7\% \text{ rdg} + \text{Lx}/10000+5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	-
200mH	10μH	199.99mH	$\pm(0.7\% \text{ rdg} + \text{Lx}/10000+5\text{counts})$	$\pm(1.2\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	-
20mH	1μH	19.999mH	$\pm(1.2\% \text{ rdg} + \text{Lx}/10000+5\text{counts})$	$\pm(5.0\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	after short cal.
2000μH	0.1μH	1999.9μH	$\pm(2.0\% \text{ rdg} + \text{Lx}/10000+5\text{counts})$	$\pm(10\% \text{ rdg} + 100/\text{Lx} + 5\text{counts})$	after short cal.

RESISTANCE :

Range	Minimum	Maximum	Test Freq. 120Hz	Test Freq. 1kHz	Note
10MΩ	1kΩ	10.000MΩ	$\pm(2.0\% \text{ rdg} + 8 \text{ counts})$	$\pm(2.0\% \text{ rdg} + 8 \text{ counts})$	after open cal.
2MΩ	100Ω	1.9999MΩ	$\pm(0.5\% \text{ rdg} + 5 \text{ counts})$	$\pm(0.5\% \text{ rdg} + 5 \text{ counts})$	after open cal.
200kΩ	10Ω	199.99kΩ	$\pm(0.5\% \text{ rdg} + 3 \text{ counts})$	$\pm(0.5\% \text{ rdg} + 3 \text{ counts})$	-
20kΩ	1Ω	19.999kΩ	$\pm(0.5\% \text{ rdg} + 3 \text{ counts})$	$\pm(0.5\% \text{ rdg} + 3 \text{ counts})$	-
2kΩ	100mΩ	1.9999kΩ	$\pm(0.5\% \text{ rdg} + 3 \text{ counts})$	$\pm(0.5\% \text{ rdg} + 3 \text{ counts})$	-
200Ω	10mΩ	199.99Ω	$\pm(0.8\% \text{ rdg} + 5 \text{ counts})$	$\pm(0.8\% \text{ rdg} + 5 \text{ counts})$	after short cal.
20Ω	1mΩ	19.999Ω	$\pm(1.2\% \text{ rdg} + 8 \text{ counts})$	$\pm(1.2\% \text{ rdg} + 8 \text{ counts})$	after short cal.

Note: In 20Ω range, effective readings must over 20 counts.