

**LCR-4080Q & LCR-4090Q**

**INDUCTANCE (L) AND QUALITY FACTOR (Q)**

Range	Display Range	Accuracy		Equi-valent Mode	
		Le	De*		
100Hz/120Hz	1000H	400.0~1000.0H	1.0%of rdg + 3 digits	0.0100	Parallel
	400H	40.00~399.99H	0.35%of rdg + 2 digits	0.0035	Parallel
	40H	4.000~39.999H	0.1%of rdg + 2 digits	0.0010	Parallel
	4H	400.0mH~3.999H			-
	400mH	40.00~399.99mH	0.45%of rdg + 2 digits	0.0045	Series
	40mH	4.000~39.999mH			Series
1kHz	100H	40.00~100.00H	1.00%of rdg + 3 digits	0.0100	Parallel
	40H	4.000~39.999H	0.35%of rdg + 2 digits	0.0035	Parallel
	4H	400.0mH~3.999H	0.1%of rdg + 2 digits	0.0010	Parallel
	400mH	40.00~399.99mH			-
	40mH	4.000~39.999mH	0.45%of rdg + 2 digits	0.0045	Series
	4mH	400.0μH~3.999mH			Series
10kHz	1000mH	400.0~999.99mH	0.80%of rdg + 3 digits	0.0080	Parallel
	400mH	40.00~399.99mH	0.35%of rdg + 2 digits	0.0035	Parallel
	40mH	4.000~39.999mH	0.1%of rdg + 2 digits	0.0010	-
	4mH	400μH~3.999mH	0.30%of rdg + 2 digits	0.0030	Series
	400μH	40.00μH~399.99H	0.45%of rdg + 2 digits	0.0045	Series
	40μH	0.00~39.99μH	1.40%of rdg + 2 digits	-	Series

**CAPACITANCE(C) AND DISSIPATION (D)**

Range	Display Range	Accuracy		Equi-valent Mode	
		Le	De*		
100Hz/120Hz	200mF	4.000~20.000mF	5.00%of rdg + 5 digits	±0.0500	Series
	4mF	400.0μF~3.9999mF	1.00%of rdg + 3 digits	±0.0100	Series
	400μF	40.00~399.99μF	0.35%of rdg + 2 digits	±0.0035	Series
	40μF	4.000~39.999μF			Series
	4μF	400.0nF~3.9999μF	0.1%of rdg + 2 digits	±0.0010	-
	400nF	40.00~399.99nF			Parallel
	40nF	4.000~39.999nF	0.35%of rdg + 3 digits	±0.0035	Parallel
4nF	0pF~3.999nF	1.25%of rdg + 5 digits	-	Parallel	
1kHz	1000μF	400.0~999.99μF	2.00%of rdg + 5 digits	±0.0200	Series
	400μF	40.00~399.99μF	1.00%of rdg + 3 digits	±0.0100	Series
	40μF	4.000~39.999μF	0.35%of rdg + 2 digits	±0.0035	Series
	4μF	400.0nF~3.9999μF			Series
	400nF	40.00~399.99nF	0.1%of rdg + 2 digits	±0.0010	-
	40nF	4.000~39.999nF			Parallel
	4nF	400.0pF~3.9999nF	0.35%of rdg + 3 digits	±0.0035	Parallel
400pF	0.0pF~39.99nF	1.25%of rdg + 5 digits	-	Parallel	
10kHz	100μF	40.00~100.00μF	3.00%of rdg + 5 digits	±0.0300	Series
	40μF	4.000~39.999μF	1.50%of rdg + 3 digits	±0.0150	Series
	4μF	400.0nF~3.9999μF	0.35%of rdg + 2 digits	±0.0035	Series
	400nF	40.00~399.99nF			Series
	40nF	4.000~39.999nF	0.1%of rdg + 2 digits	±0.0010	-
	4nF	400.0pF~3.9999nF			Parallel
	400pF	40.00~399.99pF	0.35%of rdg + 3 digits	±0.0035	Parallel
40pF	0.00~39.99pF	1.25%of rdg + 5 digits	-	Parallel	

**IMPEDANCE (Z) AND PHASE ANGLE (Φ)**

Range	Display Range	Accuracy		Equi-valent Mode	
		Le	De*		
100Hz/10kHz	10MΩ	4.000~40.000MΩ	3.00%of rdg + 5 digits	±1.75°	Parallel
	4MΩ	400.0KΩ~3.999MΩ	1.25%of rdg + 3 digits	±0.75°	Parallel
	400KΩ	40.00~399.99KΩ	0.35%of rdg + 2 digits	±0.25°	Parallel
	40KΩ	4.000~39.999KΩ			Parallel
	4KΩ	400.0Ω~3.9999kΩ	0.1%of rdg + 2 digits	±0.10°	-
	400Ω	40.00~399.99Ω			Series
	40Ω	4.000~39.999Ω	0.35%of rdg + 2 digits	±0.25°	Series
	4Ω	0.4000~3.9999Ω	1.00%of rdg + 3 digits	±0.60°	Series
	0.4Ω	0.0000~0.3999Ω	3.00%of rdg + 5 digits	-	Series



**Features:**

- Test signal frequency upto 10Khz
- Measurement up to 10 meas/sec
- Ultra - Low Power consumption
- Data Hold, Max / Min / Average Recording
- Standard Mini - USB Interface, SCPI Compatible.
- Large Character display with White backlight

- Standard Accessories : Manual, Short Circuit Plate, Rechargeable Battery, AC Adapter, 4 Terminal Kelvin Test Tweezers, Mini USB Communication Cable with Software
- Dimension : 192(H) x 93(W) x 44(D)mm

