

## LCR-900 Specifications

The specifications apply when the LCR-900 is powered on for at least 30 minutes under +18°C~+28°C.



	LCR-916	LCR-915	LCR-914
<b>TEST FREQUENCY</b>			
	100Hz/120Hz/1k/10k/100kHz selectable	100Hz/120Hz/1k/10kHz Selectable	100Hz/120Hz/1kHz Selectable
<b>FULL SCALE</b>			
Main Display	20,000/2,000 counts selectable		
Sub Display	2,000 counts		
<b>INDUCTANCE</b>			
Range	20 $\mu$ H ~ 20kH depends on the selected test frequency		
Best Accuracy	+(0.2% rdg + 2 digits)		
Resolution	0.001 $\mu$ H ~ 0.001kH depends on selected range		
<b>CAPACITANCE</b>			
Range	20pF ~ 20mF depends on the selected test frequency		
Best Accuracy	+(0.2% rdg + 2 digits)		
Resolution	0.001pF ~ 0.001mF depends on selected range		
<b>RESISTANCE</b>			
Range	20 $\Omega$ ~ 200M $\Omega$ depends on the selected test frequency		
Best Accuracy	+(0.2% rdg+ 2 digits)		
Resolution	0.001 $\Omega$ ~ 0.01M $\Omega$ depends on selected range		
<b>DC RESISTANCE</b>			
Range	200 $\Omega$ ~ 200M $\Omega$		
Best Accuracy	+(0.2% rdg+ 2 digits)		
Resolution	0.01 $\Omega$ ~ 0.01M $\Omega$ depends on selected range		
<b>QUALITY FACTOR (Q)</b>			
Range	0.000 ~ 999		
Accuracy	2 x (main parameter accuracy)		
Best Resolution	0.001		
<b>DISSIPATION FACTOR (D)</b>			
Range	0.000 ~ 999		
Accuracy	2 x (main parameter accuracy)		
Best Resolution	0.001		

<b>PHASE ANGLE (<math>\theta</math>)</b>	
Range	-90° ~ 90°
Accuracy	+(0.2% rdg+ 5 digits)
Resolution	0.1°
<b>MEASUREMENT CIRCUIT</b>	
	Parallel or Series selectable
<b>AUTO LCR MODE</b>	
	Automatically identifies and measures the DUT when the meter is switch on
<b>SORTING MODE</b>	
	+0.1%, +0.2%, +0.25%, +0.5%, +1.0%, +2.0%, +5.0%, +10.0%, +20.0%, +80%/-20% Selectable
<b>OTHER FUNCTIONS</b>	
	Auto range, Auto backlit, Max, Min, Data hold, Zero, Auto power off, 46 segments analogue bar
<b>DISPLAY</b>	
	LCD mono display
<b>INTERFACE</b>	
	USB
<b>POWER SOURCE</b>	
	AA Battery 1.5V x 4 or DC 5V(through AC adapter or USB cable)
<b>DIMENSIONS &amp; WEIGHT</b>	
	95(W) × 207(H) × 52(D) mm, Approx. 630g