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TECHNICAL PRODUCT INFORMATION

Test & measurement instruments

- ▶ high - quality
- ▶ moderate prices
- ▶ excellent precision

Your contact:

Technical support, services, demo & rental equipment, price information
& quotes, consulting:

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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
TEST FREQUENCY			
	100Hz/120Hz/1k/10k/100kHz selectable	100Hz/120Hz/1k/10kHz Selectable	100Hz/120Hz/1kHz Selectable
FULL SCALE			
Main Display	20,000/2,000 counts selectable		
Sub Display	2,000 counts		
INDUCTANCE			
Range	20 μ H ~ 20kH depends on the selected test frequency		
Best Accuracy	+(0.2% rdg + 2 digits)		
Resolution	0.001 μ H ~ 0.001kH depends on selected range		
CAPACITANCE			
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		
RESISTANCE			
Range	20 Ω ~ 200M Ω depends on the selected test frequency		
Best Accuracy	+(0.2% rdg+ 2 digits)		
Resolution	0.001 Ω ~ 0.01M Ω depends on selected range		
DC RESISTANCE			
Range	200 Ω ~ 200M Ω		
Best Accuracy	+(0.2% rdg+ 2 digits)		
Resolution	0.01 Ω ~ 0.01M Ω depends on selected range		
QUALITY FACTOR (Q)			
Range	0.000 ~ 999		
Accuracy	2 x (main parameter accuracy)		
Best Resolution	0.001		
DISSIPATION FACTOR (D)			
Range	0.000 ~ 999		
Accuracy	2 x (main parameter accuracy)		
Best Resolution	0.001		

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