

LCR Meters

Model: 4090A 4090B 4090C 4091A 4091B 4091C



**Features**

Models	4090A	4090B	4090C	4091A	4091B	4091C
Electrolytic capacitor mode	√	√	√	√	√	√
DCR mode	√	√	√	√	√	√
Backlight adjustable	√	√	√	√	√	√
Automatic identification of component type	√	√	√	√	√	√
Max/Min/Ave.	√	√	√	√	√	√
SCPI	√	√	√	√	√	√
Display	3.5" TFT,5 digits					
Measurement time	Fast :8 times/s, Medium:4 times/s, Slow:2 times/s					
Equivalent circuit	Serial/Parallel					
Language	English/Chinese					
Correction	Open/ Short					
Comparator	3 Levels for PASS / 1 Level for FAIL / 1 Level for AUX					
Interface	USB, RS232, Handler, optional: USB host and GPIB					

**Specifications**

Function	4090A	4090B	4090C	4091A	4091B	4091C
Test frequency	10Hz-10kHz	100Hz-20KHz	100Hz-100KHz			
	10points	12 points	16 points			
	100,120,200,400,800	100,120,200,400,800	100,120,200,400,800	10-10kHz	10-20kHz	10-100kHz
	0,1k,2k,4k,8k,10k	0,1k,2k,4k,8k,10k,15k,20k	0,1k,2k,4k,8k,10k,15k,20k,50k,100k	adjustable	adjustable	adjustable
Basic accuracy	0.10%					
Electrical level	6 fixed points :0.1V/0.3V/0.6V/1V/1.5V/2V			0.1-2V adjustable		
Test parameters	L/C/R/Z X/D/Q/θ/ESR					
DCR range	0.0001Ω-99.999MΩ					
LCR range	R	0.0001Ω - 99.99MΩ				
	C	0.001pF - 9999μF				
	L	0.001μH - 9999H				
	D	0.0001-9.9999				
	Q	0.0001-9999.9				
	θ(DEG)	-179.99° -179.99°				

**General Information**

Model	4090A	4090B	4090C	4091A	4091B	4091C
Power Supply	AC 110V-220,45-65Hz					
Product color	265mmx305mmx105mm					
Product weight	3.5kg					
Product size	Manual, power cable, Kelvin test clamp					
Standard accessories	RS232 cable, USB cable, Handler cable, SMD clamps					