

BR2831/BR2832/BR2833

PRECISION & HAND-HELD LCR METER

Features

- .Hand-held and low consumption
- .4 bins comparator
- .Primary and secondary parameters dual display
- .0.1% Max. accuracy, resolution 0.0001
- .Auto power off function



BR2832

Technical Data		
Test parameters	L, C, D, R, Z , Q, θ , ESR	
Test frequencies	100Hz, 120Hz, 1kHz (BR2831) 100Hz, 120Hz, 1kHz, 10kHz (BR2832) 100Hz, 120Hz, 1kHz, 10kHz, 100kHz (BR2833)	
Test level	0.6Vrms	
Max. test accuracy	0.1%	
Measurement range	L	100 / 120Hz, 1 μ H ~ 1000H
		1kHz, 0.1 μ H ~ 100H
		10kHz, 0.001 μ H ~ 1H
	C	100 / 120Hz, 1p ~ 20mF
		1kHz, 0.1p ~ 1000 μ F
		10kHz, 0.01p ~ 100 μ F
	R, Z	0.0001 Ω ~ 10M Ω
	D/Q	0.0001~ 9.999
θ	-179.9% ~ 179.9%	
ESR	0.0001 Ω ~ 999.9 Ω	
Display	40000 counts	
Display resolution	0.0001	
Measurement speed (time /sec)	10 times /sec (fast) 5 times/sec (middle) 2 times/sec (slow)	
Equivalent circuit	Series / Parallel	
Ranging mode	Auto/Hold	
Tolerance mode	1%, 5%, 10%, 20%	
Correction function	Open and short multi-frequency Zeroing	
Measurement terminals	Five terminals/three terminals	
Input protection fuse	0.1A/63V	
Battery model	7.2V Ni-MH 600mAH rechargeable battery	
AC adapter	Input: 230V \pm 10%, 50Hz \pm 5% Output: 12V~15VDC	
Operating current	Max. 28mA	
Auto power off	5min, 15min, 30min, 60min selectable	
Weight	460g (with battery)	
Dimensions (WxHxD)	95mm \times 200mm \times 45mm	