

BS4040H

BS4040H Portable LCR Meter

Features:

- Large LCD display
- 0.25% basic accuracy, resolution: 0.01%
- Primary and secondary parameters dual display
100 Hz, 120 Hz and 1 kHz test frequencies
- Complete four-terminal measurement
- Auto Power Off function
- Battery and external power supply
- Sweep frequency correction function
- 4 Bins comparator



General Specifications

Power	: Single, standard 9 volt battery NEDA 1604, JIS 006P, IEC6F22. or DC12V(100 mA) adapter
Dimension	: 95 (W) x 200 (H) x 40 (D) mm.
Weight	: Approx. 400 g (including battery).

Electrical Specification

Accuracies are \pm (% of reading + number of least significant digits) at 23°C±5°C, less than 75%RH

Parameter	L-Q, C-D, R-Q and Z-Q		
Frequency	100 Hz, 120 Hz and 1 kHz		
Accuracy	Basic Accuracy: 0.3%		
Display	5 digits display for both primary and secondary parameters		
Measurement Range	L	100 Hz, 120 Hz	1 μ H – 9999 H
		1 kHz	0.1 μ H – 999.9 H
	C	100 Hz, 120Hz	1 pF – 9999 μ F
		1kHz	0.1 pF – 999.9 μ F
	R, Z	0.0001 Ω - 999.9 M Ω	
	D, Q	0.0001 – 9999	
	Δ %	0.0001% - 9999%	
Test Level (Range Auto and Open Circuit)	120Hz	0.3 Vrms (1±15%)	
	100Hz	0.42 Vrms (1±15%)	
Ranging Mode	Auto and Hold		
Equivalent Circuit	Parallel and Series		
Display	Direct, Δ ABS and Δ %		
Correction	Open and Short Zeroing		
Rate	Approx. 3 meas/sec		
Terminals	5 terminals		



Comparator	4 Bins : NG, P1, P2 and P3		
Limit Setup Range	$\Delta\%$	-9999% - 99999%	
	Nominal	L	0.0001 μ H – 99999 H
		C	0.0001 pF – 99999 μ F
		R	0.0001 Ω - 99999 M Ω
Z		0.0001 Ω - 99999 M Ω	
Alarm Mode	NG, P1, P2, P3 and OFF		
Power Supply	1604 9V battery or DC12V(100 mA) adapter		
Low Battery Indication	Approx. 6V		
Power Consumption	Normal: Approx. 25 mA Auto power-off: Approx. 500 nA		
Auto Power Off time	Approx. 5 minutes		
Weight	Approx. 400 g		
Dimensions	200mm(L) \times 95mm(W) \times 40mm(D)		

CALTEK INDUSTRIAL (H.K.) LTD.

Hong Kong:
Flat E, 12/F., Effort Industrial Bldg.,
2-8 Kung Yip Street, Kwai Chung,
N.T., Hong Kong
Tel: (852) 2401-1222
Fax: (852) 2420-3472
Email: caltek@caltek.com.hk

Singapore :
Level 15, Suite 27,
Prudential Tower, 30 Cecil Street,
Singapore 049712
Tel: (65) 6232 2903
Fax: (65) 6232 2888
Email: sales_sg@caltek.com.hk

China (Guangzhou):
4/F., Li Zhi Wan, Zhen Xing Road,
Dagang Town, PanYu,
GuangZhou, China.
Tel: (86-20) 3493 6162
Fax: (86-20) 3493 6163
Email: sales_cn@bstcaltek.com