Wayne Kerr Electronics

Component test

WK3212/3215/3216
Programmable LCR Meter

Features

- Wide Measuring Range & High accuracy 0.1%
- Zeroing Offset Function
- Provided HI/LOW limit and BIN Sorting comparator function, to meet your needed.
- 100 sets of memory, can be saved test parameter and comparator setting, easy to use.
- Easy Test Condition Setting with Auto Parameter Selection & Auto Ranging Function
- 240*64 Graphic LCD display, can be read the reading clearly and easier.
- User friendly programmable interface, easy to use
- Provided RS-232C and Handler combinatorial interface option, to meet your needed

Specification

Model Name	WK3212	WK3215	WK3216
Parameter	L.C.R.Z.Q.D.ESR.θ		
Test Frequency	50Hz ~ 100KHz 10 points	40Hz ~ 200KHz 30 points	40Hz ~ 200KHz Programming Resolution 1Hz
Test Voltage	1V、0.25V、0.5V、1.00V ，(± 5% + 5mV)	0.01V ~ 1.00V Programmable10mV / steps，(± 5% + 3mV)	0.01V ~ 2.00V Programmable10mV / steps，(± 5% + 3mV)
Measurement Accuracy	±0.1%		
Measurement Range	L: 0.001 uH ~ 1999.9H C: 0.001 pF ~ 199.99mF R: 0.1 mΩ ~ 19.999 MΩ Z: 0.1 mΩ~ 199.99 MΩ	Q: 0.01~ 1999.9 D: 0.0001~ 19.999 θ: -180°~ +180° ESR: 0.1 mΩ ~ 19.999 MΩ	
Test Speed	SLOW:400ms MED: 130ms FAST: 55ms		
Trigger Mode	Internal、External		
Functions	Auto parameter, Auto ranging, Zeroing calibration		
Comparator	HI/LO Limit: R standard value & Hi-Lo % limits. OK/NG Judgment & indication with alarm. BIN Sorting: 9 Bins for sorting. R standard value & Hi-Lo % limits. OK/NG Judgment & indication with alarm.		
Memory	Up to 100 sets of memory		
Interface	RS-232 & Handler Two interface features combined together		
Backup status	Measurement status : Measure range, Parameter, Frequency, Circuit (Parallel / Series)		
	Voltage, Comparator setting		
Calibration	Software and adjustments are made through the front panel. Automatic Calibration Alert function to signal operator when re-calibration is due.		
Environment	0-40℃, 20-75%RH		
Power	115V/230 V ± 10%, 50/60 Hz		
Dimensions	270(W) x 110(H) x 310(D) mm		
Weight	Approx 4.0 kg		

More information
www.waynekerrtest.com.tw

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