

### AX 4204



#### Features AX 4204

- . 240×64 dot-matrix graphics LCD display
- . Programmable signal voltage level from 10 mVrms to 2.0Vrms
- . 6 digit readout resolution
- . Precision LOAD correction function
- . 12 control setting files memory
- . 4 bins comparator and bin counter
- . Test signal level monitor function
- . Key lock function
- . RS-232C and optional GPIB interfaces

#### Specification AX 4204

Test parameters	L, C, D, R,  Z , Q, X, B, G, $\theta$	
Test frequencies	50Hz, 60Hz, 100Hz, 120Hz, 200Hz, 400Hz, 500Hz, 1kHz, 2kHz, 4kHz, 5kHz, 10kHz, 20kHz, 40kHz, 50kHz, 100kHz	
Test level	10mVrms ~ 2.0Vrms, 10mV steps	
Accuracy	0.05%	
Measurement range	Z , R, X	0.00001 $\Omega$ ~ 99.9999M $\Omega$
	G, B	0.00001 $\mu$ S ~ 999.999S
	C	0.00001 pF ~ 999.999 mF
	L	0.00001 $\mu$ H ~ 9.99999 kH
	Q	0.00001 ~ 99999.9
	D	0.00001 ~ 9.99999
	$\theta$ (DEG)	-179.999° ~ 179.999°
	$\theta$ (RAD):	-3.14159 ~ 3.14159
$\Delta$ %:	-99.9999% ~ 999.999%	
Measurement speed (times/sec)	Slow: 1.5 Medium: 10 Fast: 30	
Equivalent circuit	Series / Parallel	
Ranging mode	Auto / Hold	
Trigger mode	Internal/External, Manual and Bus	
Averaging rate	1 ~ 255	
Correction functions	Open / Short and Load corrections	
Measurement terminals	Five terminals	
Display mode	Direct, $\Delta$ ABS, $\Delta$ %, V/I (V/I monitor), Bin number and bin counter	
Display digits	Primary and secondary display: 6 digits	
List Sweep	List sweep for up to 4 frequencies, signal levels and DC bias levels	
Comparator function	NG, P1, P2, P3, 4 bins	
Memory	12 control settings memory for store/recall	
Interface	RS-232C, GPIB (option)	
Power supply	110 ~ 127VAC $\pm$ 10% / 220 ~ 240VAC $\pm$ 10%, 50Hz $\pm$ 2Hz / 60Hz $\pm$ 2Hz	
Dimensions (WxHxD)	350mm x 135mm x 400mm	
Weight	4.5kg	