

Component Parameter Test Instruments

I. TH2816P/TH2816A+/TH2816B+ Precision LCR Meter

NEW

Features

- 240×64 dot matrix graphic LCD display
- Humanized operation interface, easy to operate
- 0.02% accuracy (TH2816P), 7-digit reading
0.05% accuracy (TH2816A+/TH2816B+), 6-digit reading
- 10mVrms - 2.0Vrms programmable test level
- Compatible with legacy bias source control
- High stability, high accuracy
- The fastest speed is about 60 times/second
- Accurate load calibration function
- 30Ω/100Ω selectable signal source output impedance
- 4-point frequency/level/list sweep function
- Direct reading, absolute deviation and relative deviation display
- 12 groups of internal instrument setting storage
- Built-in comparator: 10-bin sorting and bin counting (TH2816P/TH2816A+)
- bins sorting and bin counting (TH2816B+)
- Test level monitoring function
- Keypad lock function



RS232	USB HOST	USB DEVICE	HANDLER	GPIB
standard	standard	standard	standard	option

TH2816P/TH2816A+/TH2816B+

Dimension (mm): 350(W)×122(H)×310(D)

Net weight: 6.5 kg

Applications

- Passive components:
Evaluation of Impedance Parameters for Capacitors, Inductors, Cores, Resistors, piezoelectric devices, Transformers, Chip Components, and Network Components
- Other components:
Impedance evaluation of printed circuit boards, relays, switches, cables, batteries, etc.

Specifications

Model		TH2816P	TH2816A+	TH2816B+
Display		240×64 dot-matrix LCD display		
Digits		7-digit resolution	6-digit resolution	6-digit resolution
Basic accuracy		0.02%	0.05%	0.05%
Test signal frequency	Range	50Hz - 200kHz	50Hz - 200kHz	50Hz - 200kHz
	Dots	12000 Dots	12000 Dots	37 Dots
Output impedance		30Ω / 100Ω		
AC Test level		10mV - 2Vrms, 10mV steps		
Test parameter		L, C, R, Z , D, Q, G, B, X, θd, θr, Vm, Im, Δ%		
Measurement display range	Z , R, X	0.00001Ω - 99.9999MΩ		
	G, B	0.00001μs - 99.9999s		
	C	0.00001pF - 9.99999F		
	L	0.00001μH - 99.9999kH		
	D	0.00001 - 9.99999		
	Q	0.00001 - 99999.9		
	θ(DEG)	-179.999° - 179.999°		
	θ(RAD)	-3.14159 - 3.14159		
	Δ%	-999.999% - 999.999%		