AT 826/825 Smart Touch
HANDHELD LCR METER

CHINESE/ENGLISH OPERATION
90 (W) * 190 (H) * 31 (D)
UNIT: mm
Weight: 400g



High capacity lithium battery power supply

Test frequency 100Hz,120Hz,1kHz,10kHz,100kHz

The AT826 series handheld bridge is controlled by a high-performance 32-bit ARM microprocessor. Ultra low power design and high-density SMD assembly process, true color TFT LCD display screen, and dual control of keyboard and touch screen. Free from the limitations of the workbench, providing convenience for you to move LCR measurements. Equipped with lithium battery power supply and USB communication. The Chinese and English operation interface can be quickly switched.

The standard data collection software of the instrument provides strong support for data analysis! The AT826 series handheld bridge has a measurement frequency of up to 100kHz, a constant 100 Ω source internal resistance, a measurement level of 0.6Vrms, and a measurement accuracy of up to 0.2%. It combines the superior performance of a portable watch and a desktop instrument!

- Power Supply: Input: 100-240V, 50/60Hz, 0.35A, Output:9V 1A DC

MODEL	AT826	AT825
Frequency	**100Hz, 120Hz, 1kHz, 10kHz, 100kHz**	100Hz, 120Hz, 1kHz, 10kHz
Main parameter	Inductance L, capacitance C, resistance R, impedance Z, automatic	
Secondaryparameter	Off, automatic, loss D, quality factor Q, phase θ r. Phase θ °, reactance X, ESR	
Accuracy	0.2%	
Test Range	Automatic, manual	
Display Range	L: 0.01µH-9999H C: 0.01pF - 9999µF R,Z: 0.0001Ω - 99.99MΩ D:0.0001–9.999 Q:0.0001~999.9	
Signal level	0.6Vrms, ±10%accuracy	
Test Speed	Fast 4t/s, Slow 1.5t/s	
Max reading	Main parameter: 49999 ; Secondary parameter: 49999	
Source Resistance	100Ω	
Comparator	1 sets, compare main parameters	
Calibration	open/short clear zero	
Equivalent method	Series, parallel&auto	
Interface	USB , HID , Charging interface	
Battery parameters	8.4V, Li, 1400mAh Rechargeable Battery	
Charging time	Single continuous charging time: maximum 200Min	
Battery operating time	Brightness 30% ≥ 14 hours; Brightness 50% ≥ 12 hours; Brightness 100% ≥ 9 hours	
Others	Touch screen; USB communication, compatible SCPI, adjustable back light, auto power off	
Files	USB storage(Data files are automatically saved)	
Accessories	ATL501C Kelvin test clip; ATL909 DC adapter; ATL805 Li battery ; ATL105 USB communication cable ; ATL508B（AT826 standard）;	
Options	ATL508B patch test clip （AT825 Optional）	