



Application

- LCR feed inspection
- Mobile LCR measurement

Product introduction

JK825, JK826 handheld LCR digital bridge is controlled by a high-performance 32 bit ARM microprocessor. Ultra low power design and high density SMD assembly process, 2.8 inch real color 16M color TFT LCD display, the main and secondary parameters are displayed at the same time, get rid of the limit of the workbench, and provide convenience for you to move LCR measurement. And with the keyboard, touch screen double control. Using lithium battery power supply, USB communication. The Chinese and English operation interface can be quickly switched. Is the highest configuration of the current handheld LCR digital bridge!

The JK825 handheld LCR digital bridge has the highest 10KHz measurement frequency, constant 100 internal resistance, 0.6Vrms measurement level, and the highest accuracy of 0.2%. It has the advantage of portable and desktop instruments.

Performance characteristics

- High brightness, 2.8 inch real color LCD display
- USB communication
- Comparison of the main parameters of the 1 sets of records
- Switchable attached file (AUX) sorting
- 7.4V, 1300mAh rechargeable lithium battery charging interface serial port
- Switching between Chinese and English
- Correction function: full range open circuit and short circuit sweep frequency clearing.
- Automatic range selection based on nominal value
- Built-in built-in Mini-USB interface (virtual serial port)
- Overlong working time

Technical parameter

Model	JK826	JK825
Parameters	L, C, R, Z,	
Monitoring parameters	D, Q, θ (deg), θ (rad) ESR	
Accuracy	0.20%	
Frequency	100Hz, 120Hz, 1kHz, 10kHz, 100kHz	100Hz, 120Hz, 1kHz 100Hz, 120Hz, 1kHz, 10kHz
Display Range	L: 0.01 μ H-9999H	L: 0.01 μ H-9999H
	Q: 0.0001 - 9999	Q: 0.0001 - 9999
	C: 0.01 pF - 9999 μ F	C: 0.01 pF - 9999 μ F
	θ (deg): -179.99° - 179.99°	θ (deg): -179.99° - 179.99°
	R, Z: 0.0001 Ω - 99.99M Ω	R, Z: 0.0001 Ω - 99.99M Ω
	θ (rad): -3.1416 - 3.1416	θ (rad): -3.1416 - 3.1416
	D: 0.001 - 9.999	D: 0.001 - 9.999
Source Resistance	100 Ω	
Range	Automatic or Manual	
Maximum reading	5 bits of main parameter and 5 bit display of sub parameter	
Signal Level	0.6Vrms	
Test Speed	4 times/second, 1.5 times/second	
Comparator	1 sets, compare main parameters	
Adjustment	Open/short scan frequency reset for each range	
Interface	Build-in Mini-USB interface (virtual interface) Charging interface	
Others	2.8 inch real color 16M color TFT-LCD display; touch screen, data retention function; USB communication, compatible SCPI instruction set; middle and English switching; backlight adjustment; automatic shutdown	
Power requirements	Input : 100-240V~50/60Hz 0.35A Output : 9V 1A DC 7.4V, Li, 1300mAh Rechargeable battery	
Size and weight	Size (mm) : 91(W)x194(H)x40(D) weight : 410g	
accessories	JK825A Four end Kelvin test clips JK825c DC Injector , JK825B lithium battery , Mini-USB Communication cable	
Optional Accessories	JK825D Tweezers fixture	