



**Product introduction:**

HOT SALES JK2817N general high frequency LCR digital bridge is the latest generation of the new generation of component parameters testing instrument. This product is controlled by high performance ARM microprocessor. The real color 4.3 inch LCD is more convenient in Chinese and English display operation, and is the upgrading and replacement product of JK2817B. And can be equipped with USB interface, strong testing function and superior measurement performance to make the product in the international advanced level, combined with low prices will give customers the enjoyment of value. The product can provide a stable 5 bit test resolution, 50Hz–100kHz/ frequency range, 0.1V 0.3V 1V programmable signal level, up to 12 times per second measurement speed, 5 level range, Constant 30Ω or 100Ω internal resistance. And the operation mode of flexible humanity can meet the requirements of quality assurance, incoming inspection and high precision measurement of the production line.

**Performance characteristics:**

- 4.3 inch TFT LCD display
- 50 Hz~100 kHz, a total of 34 typical test frequencies
- The resolution of the 5 bit readings can reach the fastest speed of 12 times per second 30 Ω/100 Ω signal source output impedance
- Internal comparator, 10 gear sorting and file counting function
- Voltage and current monitoring function
- Support U disk file storage, U file can be upgraded through the file program
- Keyboard locking function
- Soft power switch

## Technical parameter

|                               |   |  |
|-------------------------------|---|--|
| Model                         | JK2817N   |  |
| Test parameters               | Z ,  A , C, L, X, B, R, G, D, Q,  |  |
| Display                       | 4.3 inch TFT LCD display ,5 bit reading resolution                              |  |
| test level                    | 0.1V 0.3V 1V  |  |
| Basic accuracy                | 0.1%  |  |
| Display range                 | Z , R, X: 0.0001 Ω — 99.999MΩ<br>L: 0.001 μH — 99.999 kH<br>D: 0.0001 — 9.9999  | C: 0.001 pF — 99999 μF<br>Q: 0.0001 — 9.9999<br>Δ % : 99.999%— 99.999% |
| Measuring speed               | Slow: 1.5 times / sec, medium speed: 5 times / sec, fast: 12 times / sec.       |  |
| equivalent circuit            | Series, parallel  |  |
| Range mode                    | Auto, hold  |  |
| Trigger mode                  | Internal, manual, external, bus   |  |
| Correction function           | Open circuit, short circuit,  |  |
| Measuring end                 | 5   |  |
| Display mode                  | Direct reading, Δ%, Grade and file count  |  |
| storage                       | 10 gear sorting   |  |
| Interface                     | CSV Data files, screenshots (GIF images)  |  |
| Accessories                   | RS-232C, HANDLER,   |  |
| Accessories                   | Random accessories: 4 terminal Kelvin test cable, option: SMD test tongs        |  |
| Working temperature, humidity | 0°C — 40°C, ≤90% RH   |  |
| Power requirements            | 198 V — 242 V AC, 47.5 Hz — 52.5 Hz , power waste: ≤50 VA                       |  |
| Size (W × H × D)              | Upper frame size (mm):215(w)*88(H)*335(D) Shape size (mm):235(w)*105(H) *360(D) |  |
| Weight                        | Weight : 3.6kg  |  |