

Series CS7600

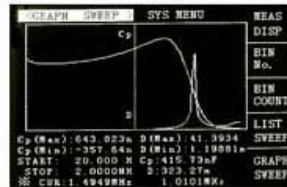


CS7600 series Precision LCR Meter

Series: CS7602, CS7603, CS7605, CS7610, CS7620

Dimension: 450mm x 135mm x 355mm

Weight: 6.5kg



GRAPH SWEEP



CORRECTION



BIN COUNT

CS7600 series Precision LCR Meter is a new-type digital component analyzing instrument with the widest measurement bandwidth (20Hz~2MHz), highest frequency resolution (minimum to 1uHz) and highest basic measurement accuracy (0.05%) at present in China. It is widely applied in the areas of parameter analysis of each LCR component, fine frequency response analysis of medium and low frequency oscillators, and the characteristics analysis of material impedance. With its excellent measurement performance and function, CS7620 instrument becomes the only one be capable of replacing Agilent E4980A. Advanced Chinese & English operation interface, satisfies different customers with various demands.

CS7600 Series possesses following such excellent performances:

- **High Accuracy**
Basic Measuring Accuracy: 0.05%
Possessing Open circuit, Short circuit and Load Calibration functions
- **High Speed**
Fast: 25 mea/sec (1pF under 2MHz, 1Vrms)
Medium: 10 mea/sec (1pF under 2MHz, 1Vrms)
Slow: 5 mea/sec (1pF under 2MHz, 1Vrms)
- **Wide Bandwidth:**
Test Bandwidth: 20Hz~2MHz
Frequency Resolution: 1uHz
Frequency Accuracy: ±0.01%
High resolution enables user fast and precisely find the harmonic resonance point of device under test in frequency response analysis.
- **Lots of Test Parameters**
It can test 14 different parameters.
It can simultaneously display 2 parameters; 6 digits measuring resolution makes the performance of component can be fully reflected.
- **Strong Frequency Response Analysis function**
It provides two modes: list sweep and graph sweep, which directly reflects the performance of components.
Testing parameter can process response analysis to sweep benchmarks, such as: frequency, stimulate voltage, current, voltage bias and current bias etc.
- **Providing classification function.**

- **Amiable Interface**
Adopting 320*240 STN LCD display, backlight can be adjusted through numeric keyboard, Easy-operation.
- **Multi-type Communication Interface:** RS232 / IEEE488 / HANDLE / USB / LAN Multi-type communication interfaces make the instrument can be conveniently connected with pc to form an auto test system.
- **Small size and light weight**
- **Test Parameter:** | Z |, Y, C, L, X, B, R, G, D, Q, θ
- **Test Range:** R, | Z | : 0.01mΩ~99.9999MΩ
C: 0.1pF~9.99999F
L: 0.1nH~99.9999kH
- **Test Frequency:** 20Hz~2MHz (continuous) CS7620
20Hz~1MHz (continuous) CS7610
20Hz~500kHz(continuous) CS7605
20Hz~300kHz(continuous) CS7603
20Hz~200kHz(continuous) CS7602

Instrument Accessories

- CS76002 4 terminal test fixture
- CS76006 Gilded shorting plat
- options:**
- CS76001 4 terminal Kelvin test clip leads
- CS76003 4 terminal test fixture
- CS76004 SMD kiviln test tweezers
- CS76005 SMD component test fixture