



CH16-B precision decade standard capacitance box

- CH16-B precision decade large-capacitance box is a standard capacitance measuring instrument designed for measurement institutes, research institutes, production measurement and laboratories. The capacitance range is from 100pF to 111.1110µF with a minimum step of 100pF and zero-switch capacitance less than 0.00005pF. The capacitance box has six-digit decade readings.
- This capacitance box has both three-terminal and four-terminal output modes and can be connected to the instrument through BNC socket. Three-terminal output is on the right side and four-terminal output is on the left side.
- The capacitance box adopts new-structure changeover switch, high-quality capacitor synthetic material, and precision standard capacitor manufactured through special processing. It has stable and reliable capacitance and is easy to use.

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Description

Operation conditions

Ambient temperature: (23±2) °C

Relative humidity: (50±10) %

Main technical parameters

1. Capacitance range:

100pF ~ 111.1110μF

2. Minimum step size:

100pF

3. Digits of reading:

Six-digit decimal system

4. Zero-switch capacitance:

<0.00005pF

5. Error :

100pF ~ 1μF: ±0.03%

1μF ~ 111.1110μF: ±0.05%

6. Output mode:

Three-terminal and four-terminal-pair output

7. Calibration frequency/operating frequency (*f*):

100pF ~ 1μF: 1,000Hz

1μF ~ 111.1110μF: 100Hz

8. Maximum operating voltage (U):

100pF ~ 1μF: ≤100V

