



CH14-B precision decade standard capacitance box

- CH14-B precision decade standard capacitance box is a standard capacitance measuring instrument designed for measurement institutes, research institutes, factories and laboratories. The capacitance range is from 100pF to 111.1110 μ F 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.

Get Free Quote



Share to



Description

Operation conditions

Ambient temperature: $(23 \pm 2) ^\circ\text{C}$

Relative humidity: $(53 \pm 5) \%$

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:

$\pm 0.05\%$

6. Output mode:

Three-terminal and four-terminal output

7. Calibration frequency/operating frequency (f):

100pF ~ 1μF: 1,000Hz

1μF ~ 111.1110μF: 100Hz

8. Maximum operating voltage (U):

100pF ~ 1μF: $\leq 100\text{V}$

1μF ~ 111.1110μF: $\leq 50\text{V}$

