



ZK-2716A precision decade inductance box

- ZK2716A precision decade inductance box is an ideal standard inductance measuring instrument with high performance, good stability, wide inductance range and convenient to use. It is suitable for measurement laboratories, research institutions and production. It adopts inductor coils wound on toroidal core with temperature compensation to form the closed magnetic circuit. It uses a special changeover switch to realize a six-digit decade inductance change, and is continuously adjustable within the range of $1\mu\text{H} \sim 1.111110\text{H}$. The adoption of excellent electromagnetic shielding, vibration prevention and moisture-proofing technique, the standard inductor is highly stable.
- Both three-terminal output mode and four-terminal output mode are installed for convenient connection of RLC instrument and special inductance measuring instrument. The binding posts are used among three terminals, and BNC socket connectors are adopted among four terminals to reduce interference.



Get Free Quote

Share to



Description

Operation conditions

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

Relative humidity: $(50 \pm 10) \%$

Main technical parameters

1. Inductance range:

$1\mu\text{H} \text{ --- } 1\text{H}$

2. Zero-switch inductance:

$< 0.8\mu\text{H}$

3. Error:

$1\mu\text{H} - 100\text{mH} : \pm (0.02\% + 0.05\mu\text{H})$

$100\text{mH} - 1\text{H} : \pm 0.05\%$

4. Output mode:

Three-terminal or four-terminal output

5. Calibration frequency/operating frequency (f):

$1,000\text{Hz}$

6. Maximum operating voltage (U):

$\leq 50\text{V}$

Get Free Quote

