

Keysight E4980B/BL Precision LCR meter

Public Launch: October 1, 2024



Best combination of accuracy, speed, and versatility

E4980B/BL precision LCR meter has the best-in-class accuracy in LCR/impedance measurements for various components and devices up to 2 MHz (E4980BL up to 1 MHz). These are the complete replacement products of the current E4980A/AL and there is no change in the basic performance, speed and capabilities. You can seamlessly migrate from the current E4980A/AL to the new E4980B/BL. These are sold through Keysight distribution channels partners.

E4980B/E4980BL

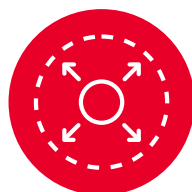
Specifications	
Frequency	E4980B: 20 Hz to 2 MHz E4980BL: 20 Hz to 300 kHz, 500 kHz or 1 MHz (select as option)
Basic accuracy	0.05%
Measurement speed (fastest, /point)	E4980B: 5.6 msec/pt. E4980BL: 12 msec/pt.
Features	
List sweep function	Up to 201 points
Rdc measurements	YES
DC bias/Test Signal enhancement (opt.001, E4980B only)	-40 to +40 V DC bias 0 to 20 Vrms test signal
Scanner/Handler interfaces	YES (option)



- ### Best-in class measurement performances
- **0.05% basic accuracy** provides the best-in class accuracy in the LCR and impedance measurements.
 - **Unrivalled measurement repeatability and stability** provide you the quality measurements.
 - **5.6 msec/pt (E4980B) speed** helps you to improve the efficiency of device/component tests/evaluations.

Application Coverage

- Expands the coverage of measurements with:
 - **Additional options** (DC bias/Test Signal enhancement (E4980B only), Scanner/Handler interface for use in the production line, etc.)
 - **Variety of measurement accessories** (i.e. fixtures, extension cables, and standards (C, R))
 - N1500A-006 for **material measurements** with 16451B



Consistency / Compatibility

- **Complete replacement products** of the E4980A/AL
- **No changes in the key performances, speed, and UI.**
- **Fully compatible of SCPI commands**
- **Seamless replacement** from the old E4980A/AL

