

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 5, 2026

KEYSIGHT

Keysight (Agilent) U1732B Handheld LCR Meters

Keysight (Agilent) U1732B Handheld LCR Meter The Keysight/Agilent U1732B is a dual-display handheld LCR meter with 20,000-count resolution and selectable test frequencies of 100 Hz, 120 Hz, 1 kHz, and 10 kHz. Measures L, C, R with D, Q, and phase angle (θ). Tolerance sorting, relative mode, hold, and Min/Max/Average recording. Optional IR-to-USB data logging. Component sorting; field/service LCR checks; production incoming inspection; education. The Keysight/Agilent U1732B is a dual-display handheld LCR meter with 20,000-count resolution and selectable test frequencies of 100 Hz, 120 Hz, 1 kHz, and 10 kHz. Measures L, C, R with D, Q, and phase angle (θ). Tolerance sorting, relative mode, hold, and Min/Max/Average recording. Optional IR-to-USB data logging. Component sorting; field/service LCR checks; production incoming inspection; education.

No photo

MODEL

Keysight U1732B

CALIBRATION

**N/A — off-catalog
OEM datasheet**

CONDITION

**See OEM
documentation**

STATUS

**Not listed on
Aumictech
inventory**

RFQ / SKU

U1732B

LISTING

**Off-catalog — OEM dat
asheet only**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

Features & description

From manufacturer datasheet

Features

- 20,000 counts dual display with backlight
- Test frequencies: 100 Hz / 120 Hz / 1 kHz / 10 kHz
- L/C/R with D, Q, and θ
- Tolerance: 1%, 5%, 10%, 20%
- Relative, Hold, Min/Max/Average
- Guard terminal for SMD tweezer noise immunity
- CAL function for high/low range correction
- Optional IR-USB PC logging

U1732B Characteristics / Specifications

PARAMETER	VALUE
Model	U1732B
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Handheld LCR Meter
Family	U1700 Series
Alias	U1732B; Agilent U1732B Measurement
Resolution	20,000 counts
Frequencies	100 Hz, 120 Hz, 1 kHz, 10 kHz
Parameters	L, C, R, D, Q, θ
Test signal	~0.6 VRMS class
Power	9 V alkaline; ~16.7 hours typical (alkaline)
Operating	0 to 40 °C; safety IEC 61010-1 class Operational Notes U1731B is the 2-frequency sibling (120 Hz/1 kHz). Prefer Keysight U1700 Series datasheet.
Test frequencies	100 Hz / 120 Hz / 1 kHz / 10 kHz
Tolerance	1%, 5%, 10%, 20%

U1732B Specifications

PARAMETER	VALUE
Keysight (Agilent) U1732B Handheld LCR Meter	Overview
Applications	Component sorting; field/service LCR checks; production incoming inspection; education.
Key Features	- 20,000 counts dual display with backlight
Technical Specifications	Model: U1732B
Measurement	Resolution: 20,000 counts
Physical / Power	Approx. 184 × 87 × 41 mm; ~330 g
Operational Notes	U1731B is the 2-frequency sibling (120 Hz/1 kHz). Prefer Keysight U1700 Series datasheet.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
Model	U1732B
Manufacturer	Keysight Technologies (Agilent)
Instrument Type	Handheld LCR Meter
Family	U1700 Series
Alias	U1732B; Agilent U1732B

Measurement

Specifications

PARAMETER	VALUE
Resolution	20,000 counts
Frequencies	100 Hz, 120 Hz, 1 kHz, 10 kHz
Parameters	L, C, R, D, Q, θ
Test signal	~0.6 VRMS class

L: series default; C/R: parallel default

Physical / Power

Approx. 184 × 87 × 41 mm; ~330 g

Power: 9 V alkaline; ~16.7 hours typical (alkaline)

Operating: 0 to 40 °C; safety IEC 61010-1 class

Operational Notes

U1731B is the 2-frequency sibling (120 Hz/1 kHz). Prefer Keysight U1700 Series datasheet.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: N/A — off-catalog OEM datasheet. See OEM documentation · Not listed on Aumictech inventory.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 5, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.