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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent / Keysight E1326B 5.5 Digit Multimeter, B-Size

The Agilent/Keysight E1326B is a B-size VXI 5.5-digit multimeter. OEM E1326B/E1411B manuals list DC voltage, RMS AC voltage, 2-wire/4-wire resistance, and temperature measurements, with up to 13150 readings/s on FET mux digital-bus scanning and 0.01 percent class DCV accuracy (90 days). Stand-alone DMM measurements and scanning multimeter systems with relay or FET multiplexers in B-size or C-size VXI mainframes. Integrating A/D with selectable apertures Scanning multimeter mode with mux analog/digital bus Temperature Sensors: thermocouples, thermistors, RTDs Aperture Examples: 10 us, 100 us, 20/16.7 ms, 320/267 ms Reading Storage: mainframe/command module memory allocation Measurement table values from Agilent E1326B/E1411B user's manual specification summary. Confirm aperture, range, and mux pairing for installed system accuracy.



MODEL

**Agilent / Keysight
E1326B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E1326B

LISTING

<https://aumictechlabs.com/products/e1326b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight E1326B is a B-size, 5.5-digit multimeter module designed for integration into VXIbus systems. It delivers high-accuracy measurements in automated test and measurement applications through a register-based architecture. Electrically identical to the E1411B, it differs only in physical size and slot requirement, enabling internal mounting in E1300/01/A/B mainframes

via an optional installation kit to conserve valuable module slots. The E1326B provides dual ADC capability: a low-noise integrating ADC for 5.5-digit precision measurements, and a 14-bit sampling ADC supporting reading rates up to 13 kHz. This dual-mode architecture makes it ideal for data acquisition, computer-aided test environments, and multichannel scanning when paired with compatible VXI multiplexers. Flexible triggering includes a built-in timer pacer for precise control over measurement cadence.

Technical Specifications

Measurement Functions: DC Voltage (DCV) AC Voltage (ACV) 2-Wire Resistance 4-Wire Resistance Offset-compensated Ohms Temperature (Thermocouples, Thermistors, RTDs) Analog-to-Digital Converter: Integrating ADC: 5.5-digit, low-noise Sampling ADC: 14-bit resolution, up to 13 kHz reading rate

Reading Rates: Aperture time options range from 320 ms down to 10 μ s. Maximum reading rate of 13 kHz achievable with auto zero off, fixed range, default trigger delay, offset compensation off, and Sample Source set to "TIMER".

Accuracy: 24-hour accuracy for 4-wire resistance: 0.015% + 10 m Ω (267/320 ms aperture) to 0.05% + 120 m Ω (10 μ s aperture). Specifications assume auto-zero on, 1-hour warm-up, and operation within ± 5 °C of calibration temperature (module calibrated at 18–28 °C). 90-day accuracy figures vary by aperture and range. Maximum Nondestructive Input Voltages: Hi to Lo: 300 V DC, 300 V AC RMS, 450 V AC Peak Hi to Common: 300 V DC, 300 V AC RMS, 450 V AC Peak Hi to Chassis: 300 V DC, 300 V AC RMS, 450 V AC Peak Lo to Common: 15 V DC, 10 V AC RMS, 15 V AC Peak Lo to Chassis: 300 V DC, 300 V AC RMS, 450 V AC Peak Common to Chassis: 300 V DC, 300 V AC RMS, 450 V AC Peak

Key Features

Flexible triggering with built-in timer pacer Common Mode Rejection and Normal Mode Rejection specified for noise rejection performance Dual-ADC architecture for precision and speed optimization

Compatibility & Integration

Compatible with E1302A and E1300/01/A/B VXI mainframes. Operates as a standalone module or integrates into multichannel scanning systems with compatible VXI multiplexers.

E1326B Characteristics / Specifications

PARAMETER	VALUE
Digits Of Resolution	5.5
Measurement Functions	DCV, ACV rms, 2 wire ohms, 4 wire ohms, temperature
DCV Full Scale Ranges	0.125 V, 1.0 V, 8.0 V, 64.0 V, 300 V
DCV Best Resolution	120 nV on 0.125 V range at 20/16.7 ms aperture
DCV Accuracy 90 Days	0.01 percent
DCV Max Readings Per Second	13150
ACV Full Scale Ranges	0.0875 V, 0.7 V, 5.6 V, 44.8 V, 300 V
ACV Best Resolution	29.8 nV on 0.0875 V range at 320/267 ms aperture
ACV Accuracy 90 Days	0.625 percent
ACV Frequency Range	20 Hz to 10 kHz
Resistance Full Scale Ranges	256 ohm, 2048 ohm, 16384 ohm, 131072 ohm, 1048576 ohm
Resistance Best Resolution	250 mOhm on 256 ohm range at 20/16.7 ms aperture
Resistance Accuracy 90 Days	0.025 percent
FET Scan Rate Class	about 13150 channels/s via digital bus
Module Size	B
Slots Occupied	1 (faceplate covers adjacent slot)
Faceplate Note	B-size faceplate covers additional slot; internal install kit saves external slots
VXI Programming	SCPI with command module or register based
Temperature Sensors	thermocouples, thermistors, RTDs
Analog Bus	relay mux analog bus cable
Digital Bus	FET mux digital bus cable
Aperture Examples	10 us, 100 us, 20/16.7 ms, 320/267 ms
Reading Storage	mainframe/command module memory allocation
Operating Temperature Class	0 to 55 C

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C

E1326B Specifications

PARAMETER	VALUE
Agilent E1326B 5.5 Digit Multimeter	Overview
Thermocouple thermistor and RTD temperature	SCPI programming with command module
Technical Specifications	Digits Of Resolution: 5.5

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 55 C
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Operating Temperature Class	0 to 55 C Notes Measurement table values from Agilent E1326B/E1411B user's manual specification summary. Confirm aperture, range, and mux pairing for installed system accuracy.

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	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

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

Aumictech

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NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.