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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 1130B

Agilent Keysight 1130B InfiniiMax Probe Amplifier greater than 1.5 GHz The Agilent/Keysight 1130B is the B-revision InfiniiMax probe amplifier. OEM Infinii probe datasheet 5989-6162 / 1130A-1134A user's guide list greater than 1.5 GHz bandwidth, 233 ps 10-90 percent rise time, 50 kohm differential / 25 kohm single-ended input resistance, and plus or minus 2.5 V dynamic range. System bandwidth 1 GHz with DSO/MSO9104A class scopes. High-speed differential or single-ended probing of digital and RF interconnects on Infinii oscilloscopes using InfiniiMax solder-in, browser, and socketed heads. The Agilent/Keysight 1130B is the B-revision InfiniiMax probe amplifier. OEM Infinii probe datasheet 5989-6162 / 1130A-1134A user's guide list greater than 1.5 GHz bandwidth, 233 ps 10-90 percent rise time, 50 kohm differential / 25 kohm single-ended input resistance, and plus or minus 2.5 V dynamic range. System bandwidth 1 GHz with DSO/MSO9104A class scopes. High-speed differential or single-ended probing of digital and RF interconnects on Infinii oscilloscopes using InfiniiMax solder-in, browser, and socketed heads.

**MODEL****Agilent / Keysight
1130B****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****1130B****LISTING**<https://aumictechlabs.com/products/1130b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight 1130B is a 1.5 GHz probe amplifier engineered for high-speed differential and single-ended probing of low-impedance circuits. Part of the InfiniiMax series, it delivers ultra-low DUT loading through patented resistor probe tip technology, minimal input capacitance, and flat

frequency response. The 1130B is the RoHS-compliant successor to the 1130A, offering 100% form, fit, and function equivalence while supporting modern Keysight oscilloscope platforms. Technical Specifications Probe Bandwidth: 1.5 GHz System Bandwidth: 1 GHz (with 1 GHz oscilloscopes) Attenuation Ratio: 10:1 / 5:1 selectable Dynamic Range: ± 2.5 V DC Offset Range: ± 12 V (with probe offset) Maximum Input Voltage: ± 30 V peak (mains isolated circuits) Input Impedance (Differential): 50 k Ω resistance, 0.27–0.34 pF capacitance Input Impedance (Single-Ended): 25 k Ω resistance, 0.44–0.67 pF capacitance Key Features Patented resistor probe tip technology minimizes loading Low input capacitance reduces DUT interaction Flat frequency response ensures signal integrity across the measurement band AutoProbe interface enables automatic probe configuration and power delivery Dual attenuation modes (10:1 and 5:1) for flexible dynamic range Compatibility & Integration The 1130B integrates with Infiniium oscilloscopes (600 MHz to 1 GHz and higher with A.03.10+ software) and InfiniiVision oscilloscopes (500 MHz to 1 GHz). A complete probing system requires one or more probe heads or connectivity kits such as the E2669B differential/single-ended kit or E2675B differential browser kit. AutoProbe interface support ensures plug-and-play operation with compatible instruments.

1130B Characteristics / Specifications

PARAMETER	VALUE
Model	1130B
Instrument Type	InfiniiMaxIprobe amplifier
Bandwidth	greater than 1.5 GHz
Rise Fall Time 10 To	233 ps
Differential Input Resistance	50 kohm plus or minus 1 percent
Single Ended Input Resistance	25 kohm plus or minus 1 percent
Input Capacitance Cm	0.1 pF between tips
Input Capacitance Cg	0.34 pF each tip to ground
Differential Mode Capacitance	0.27 pF (Cm + Cg/2)
Single Ended Capacitance	0.44 pF (Cm + Cg)
Input Dynamic Range	plus or minus 2.5 V
Common Mode Range Dc To 100 Hz	plus or minus 6.75 V
Common Mode Range Above 100 Hz	plus or minus 1.25 V
Dc Attenuation	10:1 plus or minus 3 percent before cal, plus or minus 1 percent after cal
Offset Range Single Ended	plus or minus 12.0 V
Noise Referred To Input	3.0 mV rms
Propagation Delay	about 6 ns (deskewable)
Maximum Input Voltage	30 V peak CATIEsd Tolerance: greater than 8 kV from 100 pF 300 ohm HBM
Maximum Slew Single Ended	18 V/ns
Maximum Slew Differential	30 V/ns
Probe Interface	AutoProbe
Manufacturer	HP Agilent Keysight
Attenuation	10:1 plus or minus 3 percent before cal, plus or minus 1 percent after cal

1130B Specifications

PARAMETER	VALUE
Key Features	greater than 1.5 GHz InfiniiMax I amplifier (B revision)
AutoProbe interface power and identification	Works with InfiniiMax I probe heads (solder-in, browser, socketed)
Technical Specifications	Model: 1130B

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	
Technical Specifications	
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Instrument Type	InfiniiMax I probe amplifier
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Notes

From Keysight Infiniium Oscilloscope Probes and Accessories data sheet InfiniiMax 1130A/31A/32A/34A table applied to 1130B B-revision amplifier. System bandwidth depends on the paired Infiniium oscilloscope.

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