

Keysight InfiniiMax Probing System

The Highest Performance and Easiest-to-Use Probing System for High-Speed Digital Design

The Keysight InfiniiMax probing system offers you the highest performance available for measuring differential and single-ended signals, with the flexible connectivity solutions required for probing today's high-density ICs and circuit boards. Keysight pioneered modular amp + head type probes starting with the InfiniiMax I probing system. Since then, we have consistently improved the bandwidth, added more variety of probe heads and accessories, implemented S parameter corrections, and added more probe functionality such as InfiniiMode. The new MX0023A is the 5th generation InfiniiMax probe system, raising the RC probe bandwidth to 25 GHz.



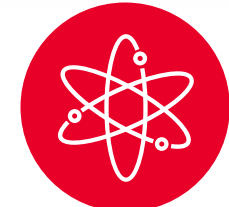
Superior Fidelity = Greater Accuracy

- Up to 30 GHz probing system, all the way to the probe tip
- Industry's lowest probe loading and noise gives you a more accurate representation of your signals
- S parameter corrections for a more accurate probe response
- A flat frequency response over the entire bandwidth eliminates distortion, ensuring accurate measurements



Best-in-Class Connectivity

- The widest variety of probe heads and accessories available on the market
- InfiniiMode technology enables you to measure differential, single-ended A or B, and common-mode without having to reconnect your probe
- Micro Probe Head – Industry's smallest geometry solder-in head to access small geometry targets
- QuickTip – magnetic heads/tips for a quick and secure connection



Innovation to Meet Your Demands

- Extreme temperature probing solutions from -55 to +150 °C - enables oscilloscope measurements in environmental chambers
- Damping resistor tips prevent signal distortion at high frequency
- Replaceable browser tips give you improved usability and versatility
- Economical solder-in differential probing solution with Zero Insertion Force (ZIF) probe heads

InfiniiMax I / II / RC Probe Amps and Heads

RC Probe Amps

- MX0023A 25 GHz RC probe amp (InfiniiMax RC, AutoProbe 2)
- 1169B 12 GHz probe amp (InfiniiMax II, AutoProbe 1)
- 1168B 10 GHz probe amp (InfiniiMax II, AutoProbe 1)
- 1134B 7 GHz probe amp (InfiniiMax I, AutoProbe 1)
- 1132B 5 GHz probe amp (InfiniiMax I, AutoProbe 1)
- 1131B 3.5 GHz probe amp (InfiniiMax I, AutoProbe 1)
- 1130B 1.5 GHz probe amp (InfiniiMax I, AutoProbe 1)

RC Probe Heads and Accessories

- MX0100A Micro Probe Head (25 GHz with MX0023A)
- MX0106A Solder-in Probe Head (23 GHz with MX0023A)
- MX0105A SMA Probe Head (20 GHz with MX0023A)
- N2839A Browser Probe Head (21 GHz with MX0023A)
- N5425B/26A ZIF Probe Head/Tips (18 GHz with MX0023A)
- N5425B/51A ZIF Probe Head/LW Tips (<18 GHz with MX0023A)
- N5381B Solder-in Probe Head (12 GHz)
- N5380B SMA Probe Head (12 GHz with MX0023A)
- N5425B/N2884A ZIF Probe Head/Tips (12 GHz)
- N2851A/49A QuickTip Head/Tips (12 GHz)
- E2675B Browser Head (6 GHz)
- E2677B Solder-in Probe Head (12 GHz)
- E2678B Socketed Probe Head (12 GHz)
- N5450B Extension Cable
- N2880A/81A In-line Attenuator/DC Block Cap
- MX0104A Performance Verification Fixture

InfiniiMax III / III+ RCRC Probe Amps and Heads

RCRC Probe Amps

- N2803A 30 GHz probe amp (InfiniiMax III, AutoProbe 2)
- N2802A 25 GHz probe amp (InfiniiMax III, AutoProbe 2)
- N2801A 20 GHz probe amp (InfiniiMax III, AutoProbe 2)
- N7003A 20 GHz probe amp (InfiniiMax III+, AutoProbe 2)
- N7002A 16 GHz probe amp (InfiniiMax III+, AutoProbe 2)
- N7001A 13 GHz probe amp (InfiniiMax III+, AutoProbe 2)
- N7000A 8 GHz probe amp (InfiniiMax III+, AutoProbe 2)
- N2832A 13 GHz probe amp (InfiniiMax III+, AutoProbe 1)
- N2831A 8 GHz probe amp (InfiniiMax III+, AutoProbe 1)
- N2830A 4 GHz probe amp (InfiniiMax III+, AutoProbe 1)

RCRC Probe Heads and Accessories

- N5445A Browser Probe Head (30 GHz)
- N5444A 2.92mm/3.5mm/SMA Head (30 GHz)
- MX009A Solder-in Probe Head (26 GHz)
- N5439A/N2838A ZIF Probe Head/Tips (25 GHz)
- N5439A/N5440A or N5447A ZIF Probe Head/Tips (28 GHz)
- N2848A/N2849A QuickTip Head/Tips (16 GHz)
- N5450B Extension Cable
- N2880A/81A In-line Attenuator/DC Block Cap
- N5443A Performance Verification Fixture
- N5442A Precision BNC Adapter (50 ohm)
- N5449A High Impedance Probe Adapter
- N5477A Sampling Scope Adapter

For more information, visit www.keysight.com/find/InfiniiMax