

Keysight U2000 Series USB Power Sensors

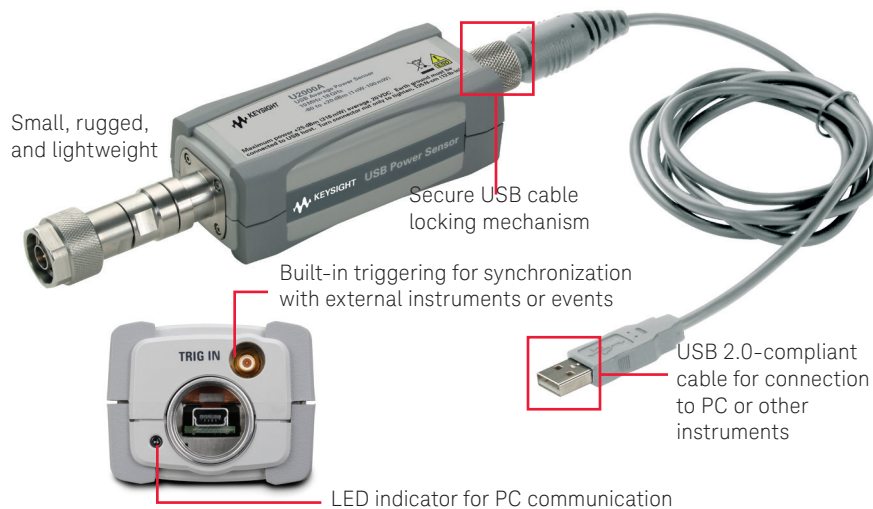
Simpler, Lower Cost Power Measurements



The U2000 Series – an ideal choice for high performance average power measurements

Now comes with:

- Internal triggering capability
- Trace display for easy gate setup



Highlights

- Accurate average power measurements with 9 kHz to 24 GHz frequency measurement range and –60 to +44 dBm power measurement range
- Measure power without the need for a power meter, external power adapter and triggering module
- Set up easily with USB connectivity for automatic plug and play
- Save time connecting/disconnecting sensor with internal zeroing capability
- Measure from practically anywhere when connected to a USB to LAN hub
- Add power measurements to selected Keysight spectrum and network analyzers



N1918A Power Analysis Manager software (with optional PC license or USB dongle licensing)

Consists of the basic version (Power Panel) and advanced version (Power Analyzer) to expand the functionality of USB power sensor (U2000-series), P-Series power meters (N1911/12A) and P-Series modular power meter (N8262A). The combination of this software and the USB power sensors provides easy-to-use graphical user interface.



Keysight BenchVue software

The U2000 Series is also supported by the Keysight BenchVue software (version 3.0 and above). Control your USB power sensor to log data and visualize measurements in a wide array of display options. This software is available on the Keysight Instrument Control DVD, which is included with each sensor. Users can download the latest version of the software cost free at www.keysight.com/find/BenchVue.

Keysight recommends that you use the BenchVue software for new projects or applications.

Ordering information

Part	Description	Power range	Connector type
U2000A	10 MHz to 18 GHz USB sensor	-60 to +20 dBm	N-type male, 50 Ω
U2000B	10 MHz to 18 GHz USB sensor	-30 to +44 dBm	N-type male, 50 Ω
U2000H	10 MHz to 18 GHz USB sensor	-50 to +30 dBm	N-type male, 50 Ω
U2001A	10 MHz to 6 GHz USB sensor	-60 to +20 dBm	N-type male, 50 Ω
U2001B	10 MHz to 6 GHz USB sensor	-30 to +44 dBm	N-type male, 50 Ω
U2001H	10 MHz to 6 GHz USB sensor	-50 to +30 dBm	N-type male, 50 Ω
U2002A	50 MHz to 24 GHz USB Sensor	-60 to +20 dBm	3.5 mm male, 50 Ω
U2002H	50 MHz to 24 GHz USB sensor	-50 to +30 dBm	3.5 mm male, 50 Ω
U2004A	9 kHz to 6 GHz USB Sensor	-60 to +20 dBm	N-type male, 50 Ω

Optional accessories

Model	Description
U2031A	USB 2.0 compliance cable with USB Mini-B connector and locking mechanism, length 1.5 m (5 ft)
U2031B	USB 2.0 compliance cable with USB Mini-B connector and locking mechanism, length 3 m (10 ft)
U2031C	USB 2.0 compliance cable with USB Mini-B connector and locking mechanism, length 5 m (16.7 ft)
U2032A	Trigger cable BNC male to SMB female 50 W, length 1.5 m (5 ft)
U2000A-201	Transit case
U2000A-202	Soft carrying case
U2000A-203	Holster
U2000A-204	Soft carrying pouch



U2000A-201



U2000A-202



U2000A-203



U2000A-204

Optional software

Model	Description
BV0007A	BenchVue Power Meter Pro App license
N1918A-100	Power analysis manager software (PC license)
N1918A-200	Power analysis manager software (USB dongle license)

Each sensor is shipped with

- Trigger cable BNC male to SMB female 50 Ω , 1.5 m
- Power sensor cable: 1.5 m
- U2000 Series USB power sensor documentation CD
- N1918A power analysis manager assembly
- Certificate of calibration
- Keysight Instrument Control DVD (contains IO Libraries Suite, Command Expert and BenchVue software)

Calibration options

- ISO 17025 calibration with test data
- ANSI Z540 calibration with test data

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Unlocking Measurement Insights

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