

UC INSTRUMENTS UC820X Optical Power Meter

Technical Specifications V1.40
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UC8202/UC8204 2/4 Channel Optical Power Meter

The UC8202/UC8204 2/4 channel optical power meter offer superior performance for the test of DWDM components, AWG & PLC components, optical amplifiers, and other general purpose of fiber optical test and measurement applications. It is special design for volume production line application.

The UC8202/UC8204 2/4 channel optical power meter is a High Performance, Small Dimension, Fast Startup, Affordable Optical Power Meter test system. It provides low power, high power, single channel and dual channel optical power meter modules options. UC Instruments also can provide high channel count solution up to 16 channels.

UC8202/4 2/4channel optical power meters offer superior performance, economical and practical for general purpose of fiber optical test and measurement applications. It is specifically designed for use in high volume production lines.

UC8202/4 optical power meter test systems are efficient, compact sized, fast-starting, and affordable. They provide low power, high power, single channel and dual channel optical power meter options.

Features

- High performance
- Quick startup
- Difference power range and difference channel number available
- Small dimension
- Affordable price

Applications

- WDM, AWG, PLC components Insertion Loss, Return Loss test
- Fiber Sensor , Fiber Cable test
- PMD and PDL measurement
- Fiber Optical , Telcom R & D lab test

Specification

Model #	UC8201	UC8202	UC8204	UC820XH
Number of Channels	1	2	4	X
Power Range	+10 ~ -65dBm			+25 ~ -50dBm
Wavelength Range	850 ~ 1700 nm			
Calibration Wavelength	850/980/1310/1490/1550/1610 nm			
Application Fiber Type	Standard SM and MM up to 62.5 um core size			
Absolute Accuracy at reference condition	± 4% (1200 nm ~ 1610 nm)			
Relative Accuracy at reference condition	< 0.02 dB Typical			
Power Linearity	≤ ± 0.06 dB (1200 nm ~ 1610 nm, 0~ -50dBm)			
Return Loss	> 40 dB			
Operation Temperature	0 ~ +40°C			
Storage Temperature	-30 ~ +80°C			
Recalibration Period	2 years			
Dimensions	245 mm W, 105 mm H, 320 mm D			
Weight	2.0 kg			

Remark: UC820x includes : “x” is Channel Number. If customer want bare fiber input/output interface, the model # will be UC820xA.

UC INSTRUMENTS' Test and Measurement Support, Services and Assistance

UC INSTRUMENTS provides high performance, high value, low cost, affordable test and measurement instruments solution for our customers. Our extensive support sources can help you choose right UC INSTRUMENTS' products for your application and apply them successfully. Every instruments and system we sell a global warranty. All of our instruments with at least 18 months factory warranty.

Our Promise

All of UC INSTRUMENTS' test and measurement instruments and system will met its advertised performance and functionality. When you select UC INSTRUMENTS' products, we can verify if it is work properly, help with products operation, and provides the basic measurement assistance for the use of special capabilities.

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