

# UC8728 4/8 CHANNEL OPTICAL MULTIPORT POWER METER

Technical Specifications v2.00  
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(Preliminary)



# UC8728 4/8 CHANNEL OPTICAL MULTIPORT POWER METER

UC INSTRUMENTS UC8728 4/8 CHANNEL OPTICAL MULTIPORT POWER METER are PC control multiport passive components power meter test system and offer superior performance for the test of multi-channel DWDM, WSS, ROADM, AWG & PLC components and modules, optical amplifiers, DWDM system and other general purpose of multiport fiber optical test and measurement applications. The system can be integrated with tunable laser source, optical attenuator & PDL controller provides a high performance passive components and modules automatic test system platform.

## Features

- 4 channel and 8 channel optional
- High dynamic range
- High speed data acquisition and fast data transfer to computer
- High channel test in one click
- Save space and easy connect with computer with USB/RS232 cable

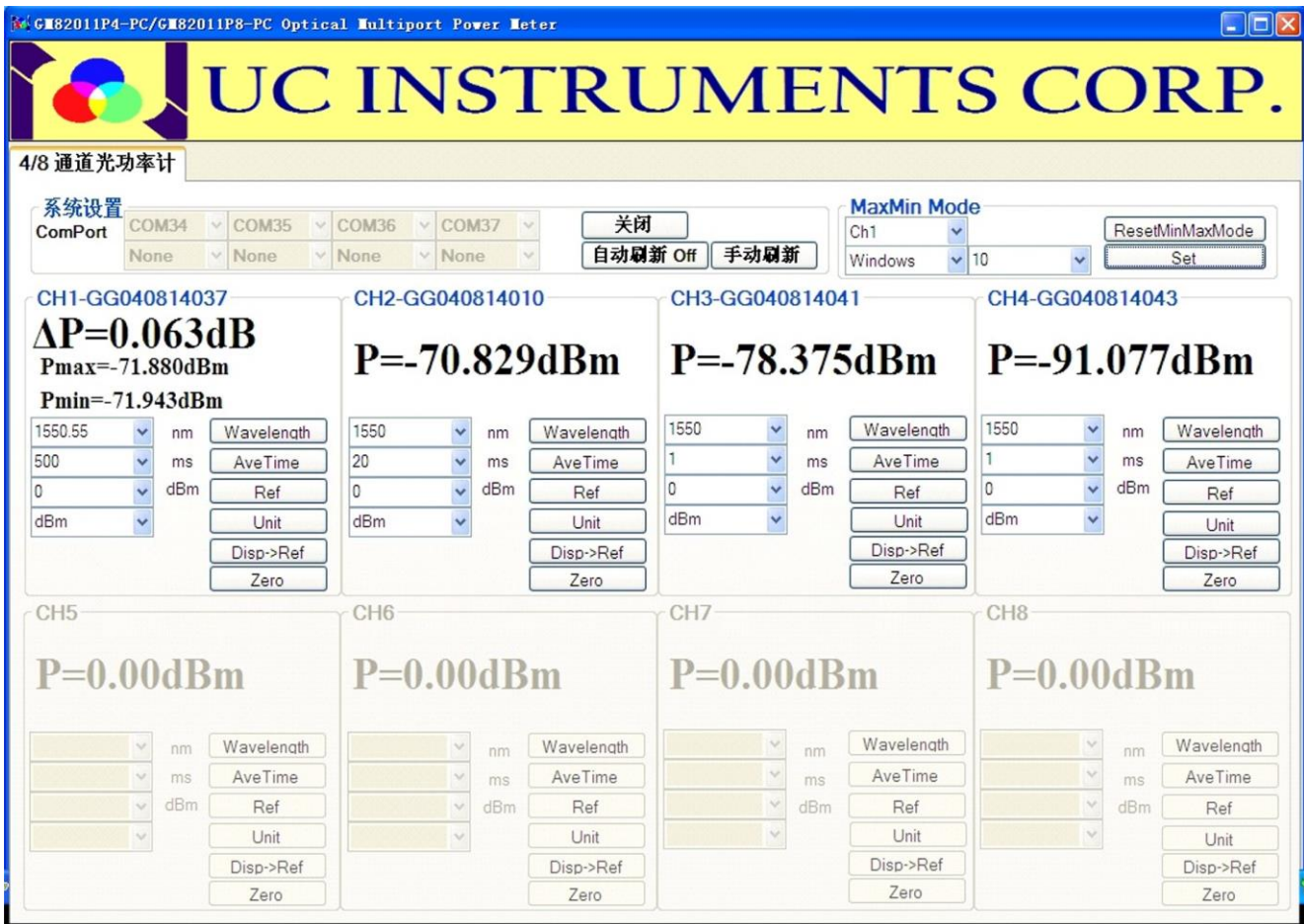
## Applications

- Production PLC, AWG, WSS, ROADM multiport components and modules testing
- Fiber Grating Sensor testing
- PMD and PDL measurement
- Fiber Optical , Telcom R & D lab test
- It is easy to be integrated into a passive fiber components testing system

# Specifications

<b>Model #</b>	<b>UC8724</b>	<b>UC8728</b>
<b>Channel Number</b>	<b>4 Channels</b>	<b>8 Channels</b>
<b>Wavelength Range</b>	850 ~ 1700 nm	
<b>Power Range</b>	+ 3 ~ -75 dBm	
<b>Application Fiber Type</b>	Standard SM and MM up to 62.5 um core size	
<b>Calibration Wavelength</b>	850, 980, 1300, 1310, 1490, 1550, 1625	
<b>Uncertainty (accuracy) at reference condition</b>	+/- 4% (1200 nm ~ 1610 nm)	
<b>Relative Uncertainty (accuracy) at reference condition</b>	< 0.04 dB Typical	
<b>Linearity (power)</b>	<= +/- 0.06 dB (1200 nm ~ 1610 nm, + 0~ -60 dBm)	
<b>Return Loss</b>	> 40 dB	
<b>Operation Temperature</b>	0 ~ +40 °C	
<b>Storage Temperature</b>	-30 ~ +80 °C	
<b>Recalibration Period</b>	2 years	
<b>Power Adaptor Power</b>	AC 100 - 240 V ± 10%, 48 - 66 Hz, 100 VA max.	
<b>Display</b>	PC Interface.	
<b>Communication Port</b>	USB and RS232	
<b>Work Environmental</b>	-10 ° C to +70 ° C 0 ° C to +45 ° C <95% R.H. from 0 ° C to +45 ° C	
<b>Dimensions</b>	235mm W×45mm H×310mmD	
<b>Weight</b>	10.0 lbs	

## UC8728 4/8 CHANNEL OPTICAL MULTIPOINT POWER METER SYSTEM



### COMPUTER INTERFACE

## UC INSTRUMENTS' Test and Measurement Support,

## Contact Information

### United States:

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