

# OCC-50 CWDM Optical Channel Checker

## Powerful Tool for CWDM Installation, Maintenance & Troubleshooting

OCC-50 Handheld CWDM Optical Channel Checker is specially designed for CWDM installation, maintenance and troubleshooting, which is able to measure and monitor power values of 18 CWDM channels. OCC-50 can replace high-cost Spectrometers and conduct quick and reliable measurements in all environments. Thanks for its light, compact and sturdy design, OCC-50 is the ideal tool for CWDM installation and maintenance technicians.

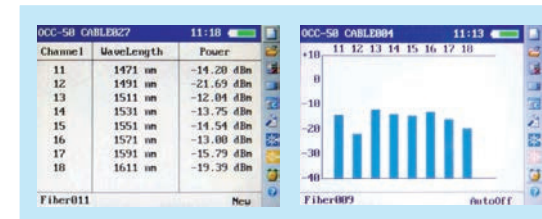
### Features

- ◆ Clear TFT LCD display (320x240)
- ◆ 18-channel measurement:  
Model OCC-50B/B+, 1271-1611nm
- ◆ 8-channel measurement:  
Model OCC-50A/A+, 1471-1611nm
- ◆ Result display in histogram and list
- ◆ Applicable to normal optical power measurement
- ◆ Internal clock & fiber S/N editable
- ◆ User definable threshold setting
- ◆ Data transfer to PC via USB
- ◆ No warm-up, quick start
- ◆ Backlight
- ◆ 10 hours continuous operation
- ◆ Pocketsize, lightweight and easy-to-use
- ◆ CE, FCC certificates



### Result display in histogram and list

Straightforward result display for easy understanding.



### Internal clock & fiber S/N editable

Internal clock enables OCC-50 to save test data with time and editable fiber SN information for convenient archiving and editing.

## Specifications

Model	OCC- 50A	OCC- 50A+	OCC- 50B	OCC- 50B+
<b>CWDM Module</b>				
Wavelength (nm)	1471~1611		1271~1611	
Power Range (dBm)	-40 ~ +10	-50 ~ +10	-40 ~ +10	-50 ~ +10
Channel Number	8		18	
Channel Spacing	20nm			
Central Wavelength	ITU			
Channel Band-pass	ITU±6.5nm			
Channel Power Resolution	±0.01 dB			
Channel Power Accuracy	±0.5 dB			
Channel Power Repeatability	±0.5 dB			
Maximum Input Power	13 dBm			
ORL	>45 dB			
Measurement Unit	W/mW/uW/nW/pW/dBm/dB (REF)			
Data Storage	1000 sets			
Connectivity	USB			
Detector Type	InGaAs			
Application Range	Singlemode Fiber			
Connector	FC/PC (Interchangeable SC/ST)			
Power Saving	Auto-off after 5 minute idle			
<b>OPM Module</b>				
Calibrated Wavelength (nm)	850,1300,1310,1490,1550,1625			
Power Range (dBm) <sup>(1)</sup>	-70 ~ +10			
Accuracy	±5% ±0.01nW (±0.5 dB@850nm)			
Resolution	0.01 dB			
<b>General Specifications</b>				
Power Supply	NiMH Rechargeable Battery / AC Power Adaptor			
Battery Life	Continuous operation ≥10 hours			
Weight	1kg (2.2 lbs)			
Dimensions (H x W x T)	220x110x70mm (8.7x4.3x2.7 inch)			

**Note:** (1) At 850nm, the lower limit of measurement range is -60 dBm

\* Specifications subject to change without notice

