

## OM200 SERIES:



OM220 (optical power meter with memory)

The OM200 series Fiber Optic Power Meter has the same high performance as the OM100 series with the added advantage of a user selectable choice of 0.1 or 0.01 resolution, on board memory and a serial port connection for communication with a PC. PC software accompanies the meter for easy documentation of testing results. The OM200 series is calibrated to +/-0.2dB of the NIST standard for each wavelength through the dynamic range of the meter. The OM200 series is designed to measure loss (attenuation) and output power of both multimode and single-mode systems. The OM200 series detectors are potted in a threaded housing for versatility and allows the user to interchange adaptors for numerous connector types.

### OM200 series specifications:

	OM210	OM220	OM230
<b>Applications</b>	Multimode Premise and Plastic	Single-mode, Multimode, Outside plant and Premise	Multimode, Premise, Long wavelengths, CATV
<b>Detector</b>	3mm. Silicon	2mm. Germanium	Hi Power Germanium
<b>Calibrated wavelengths</b>	665/790/850	850/1300/1310/1550	1310/1550
<b>Dynamic range</b>	+3.0/-55.0		+20.0/-35.0
<b>Accuracy</b>	+/- 0.2 dB (NIST Traceable)		
<b>Measurement Units</b>	dBm (absolute) - dB (relative)		
<b>Resolution</b>	0.1 dB or 0.01 User Selectable		
<b>Dynamic Range</b>	+3 dBm to -55 dBm		
<b>Storage</b>	500 Readings with Time and Date Stamp		
<b>Serial Interface</b>	Yes		
<b>PC Software</b>	Advanced Fiber Solutions Documentation Software "Smartware"		
<b>Controls</b>	7 Soft Buttons		
<b>Buttons</b>	On/Off, Backlight, λ/↑, dB-dBm/↓, Zero Reference/Select, Save/Delete, Test/Results		
<b>Power</b>	2AA Batteries or AC Power Converter		
<b>Low Battery Indicator</b>	Yes		
<b>Display</b>	Graphical LCD with Backlight		
<b>Adaptor Options</b>	ST, SC, FC, 2.5mm Universal, LC and 1.25mm Universal		
<b>Auto-Shutdown</b>	Yes		
<b>Enclosure Size</b>	Compact Handheld (L-4.94"/W-2.75"/H-1.2")		
<b>Operation Temperature</b>	-10°C to +50°C (45% Hum, non condensing)		
<b>Storage Temperature</b>	-20°C to +60°C (75% Hum, non condensing)		