



GRP 450/460 OPTICAL POWER METERS

Rugged

Durable and compact

Precise

Measures optical powers down to -70dBm

Convenient

Downloadable measurements for easy reporting*

Adaptable

Interfaces to all industry standard connectors

- InGaAs detector for maximum sensitivity
- Filtered InGaAs for measuring high powered optical signals
- Singlemode and multimode measurements
- Calibrated wavelengths of 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1611nm and 1625nm
- Data transfer via USB for the GRP 460 interface to the GVIS application or to Excel
- 2kHz Tone detect
- NIST traceable
- Long Battery Life

Optical Power Meters Specifications :	GRP 450-02 / GRP 460-02	GRP 450-04 / GRP 460-04
Diode	InGaAs	Filtered InGaAs
Calibrated Wavelengths	850, 1300, 1310, 1490, 1550, 1611 and 1625nm	
Wavelength range	850nm to 1625nm	
Measurement range	+6dBm to -70dBm	+23dBm to -45dBm
Resolution	0.01dB	
Absolute accuracy	+/- 0.25dB	
Optical interface	Universal 2.5mm (Order 1.25mm or screw on adaptors separately)	
Tone identification	2kHz Incoming signal, Audible Alert	
Power on	Push button ON, Auto shutoff	
Storage	Store up to 1000 measurements per wavelength* (GRP 460 only)	
Data transfer	Mini USB Port 1000 points/wavelength* (GRP 460 only)	
Dimensions	155 x 24 x 19mm	
Weight	85g	
Battery Run Time	120 Hours, CR2	



Ordering Information :

CAT NO.	UPC NO.	DESCRIPTION
OPTICAL POWER METER		
GRP 450-02	00502	InGaAs, 0.01dB, Zero ref set
GRP 450-04	00505	Filtered InGaAs, 0.01dB, Zero ref set
GRP 460-02	00509	InGaAs, 0.01dB, Zero/Set Ref, with USB
GRP 460-04	00511	Filtered InGaAs, 0.01dB, Zero ref set, with USB
GAC 010	21033	Single Instrument Pouch
CONNECTOR OPTIONS:		
GAC 020	00525	2.5mm Universal Adaptor
GAC 021	00526	1.25mm Universal Adaptor
GAC 026	00531	SC/UPC Adaptor for OPM
GAC 126	02046	SC/APC Adaptor for OPM
GAC 027	00532	ST Adaptor for OPM
GAC 028	00533	FC Adaptor for OPM
GAC 029	00534	LC Adaptor for OPM
GAC 540	02038	Optitap® Compatible Patchcord (SC/APC)