

IVR-OPM-S20

Optical Power Meter



The IVR-OPM-S20 Optical Power Meter has a portable and light weight design which provides huge benefits and convenience for the engineer to detect optical fibers or cables in core, metro and access network with high flexibility and efficiency.

Product images are for illustrative purposes only and may differ from the actual product.

- Easy-to-use
- Portable and lightweight
- Supports single mode and multi-mode fiber
- PON, LAN/WAN, DWDM, CATV, and other network test applications
- All-in-One: VFL and power meter
- Wavelength automatic detect
- 3 years warranty and calibration

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interVRE
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General Specifications

Screen	2.7 inch LCD screen
Other Interface	
USB	Micro USB port, 1
Other Parameters	
Storage	1,000 Sets Data
Backlight	Supports
Auto Turn Off	Supports
Warranty and Calibration	3 years
Size and Weight	171(H) x 43(W) x 83(D) mm; 285g (not included batteries)
Temperature	Operating: -10°C to 50°C; Storage: -20°C to 70°C
Relative Humidity	0% to 95% (non-condensing)
EMC	EN55022/CIPSR22, EN61000-3-2 and EN55024
Battery and Power Supply	
Battery	3 AA Rechargeable NI-MH battery, or dry battery
Power Supply	Input: 100-240V AC, 50-60Hz, 0.35A; Output: 5V DC, 2.5A

Technical Specifications (Power Meter)

Model	PM1	PM2	PM3
Detector Type	InGaAs		
Measurement Range	-70 dBm to +10 dBm	-50 dBm to +30 dBm	-65 dBm to +13 dBm
Maximum Input Power	+20 dBm	+30 dBm	+20 dBm
Wavelength Range	800 to 1700 nm		
Calibrated	850/1300/1310/1490/1550/1625 nm		
Uncertainty	±0.2 dB		
Linearity	0.2 dB		
Display Resolution	0.01 dB		
Display Unit	mW, uW, nW, dBm, dB		
Modulation Frequency	CW, 270Hz, 1KHz, 2kHz		
Optical Connector	FC, SC, LC, 2.5mm universal adaptor (PC/APC)		
Auto Detect	Supports Auto Detect wavelength 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm (works with IVR-OLS-S20 Optical Light Source)		

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Technical Specifications (VFL)

Wavelength	650 ± 20 nm
Output Power	>1 mW or >10 mW
Modulation Frequency	CW, 2Hz
Optical Connector	2.5mm universal adaptor

Ordering Info

IVR-OPM-S20-PM1	-70dBm to +10dBm Power Metre
IVR-OPM-S20-PM1-V	-70dBm to +10dBm Power Metre with VFL
IVR-OPM-S20-PM2	-50dBm to +30dBm Power Metre
IVR-OPM-S20-PM2-V	-50dBm to +30dBm Power Metre with VFL
IVR-OPM-S20-PM3	-65dBm to +13dBm Power Metre
IVR-OPM-S20-PM3-V	-65dBm to +13dBm Power Metre with VFL

Notes: Product ordering information may update along with the product upgrade, please refer to the final version provided by our sales.

- *InterVRE reserves the right to alter and amend the design, characteristics and specifications without notice or obligation.*

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