NEWPORT

1930F-IG

The Newport 1930F-IG is a high-performance, single-channel fiber optic power meter designed specifically for telecom and datacom laser power measurement applications. It features an integrated Indium Gallium Arsenide (InGaAs) detector, providing high sensitivity across the 800 to 1650 nm spectral range, coupled with NIST-traceable calibration and versatile connectivity options.

SPECIFICATIONS

General

Interfaces	USB, GPIB, RS-232, Amplified Analog Output
Display	High-contrast front panel display

Optical Performance & Measurement Specifications

Detector Type	Indium Gallium Arsenide (InGaAs)
Wavelength Range	800 - 1650 nm
Minimum Power Measurement	10 pW
Number of Channels	1
Gain Ranges	7
Analog Output Type	Amplified detector analog output
Calibration Storage	Electronically stored inside the power meter
Calibration Points	10 nm increments
Calibration Traceability	NIST-traceable
Recommended Calibration Interval	Annual (1 year)

Optical Port & Fiber Compatibility

Optical Input Connector Location	Front panel

Physical Characteristics & Compliance

Form Factor	Benchtop
Mounting Option	Rack mountable
Calibration Certificate	Included with actual calibration curves

TECHNOLOGY

InGaAs Fiber Optic Power Meter

APPLICATIONS

Telecom and datacom laser power measurement