PC1000

Fibre-Optic Sensing In The Palm Of Your Hand

Power up. Connect. **Start measuring.**

The PC1000 is a simple, user-friendly and compact system for strain and temperature interrogation of optical fibre sensors. Connect through its built-in Wi-Fi hotspot and monitor your sensors live from the comfort of your own device.

Strain & temperature
Reads optical fibre strain and temperature sensors.

Compact & light
Easy to carry and to place next to the measurement.

Wireless
Own Wi-Fi hotspot – no cables to a computer.

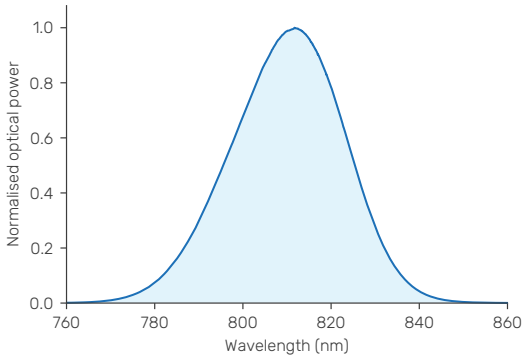
Nothing to install
ReadyView runs in the browser of a laptop, tablet or phone.



Specifications

OPTICAL & PERFORMANCE	
Output power at sensor port	4.5 mW
Sensor port connector	FC/APC
Central wavelength	810 nm
Spectral bandwidth	30 nm FWHM
Max. sampling	10 Hz
ELECTRICAL	
Operating voltage	5 V DC
Operating current	1.6–2 A
Electrical power	15 W
INTERFACE	
Connection	Wi-Fi
Control	Browser-based GUI (ASTERIUM ReadyView)
MECHANICAL	
Dimensions (W × D × H)	42 × 73 × 55 mm
Mass	150 g
COMPLIANCE	
RoHS	Compliant – Directive 2011/65/EU as amended by (EU) 2015/863

Typical source spectrum



ReadyView user interface



Request a quote

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