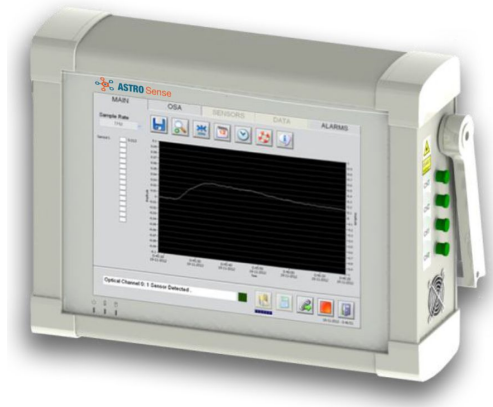




Portable Interrogators

Portable unit is a measurement unit specifically designed to interrogate Fiber Bragg Grating (FBG) based sensors on field.



Main technical parameters:

Sampling rate, Hz	1
Wavelength range, nm	1500 - 1600
Number of optical channels	2 in reflection, 2 in transmission
Sensors per channel, max	20
Resolution, pm	1.0
Accuracy, pm	±2.0
Connectors	FC/APC or SC/APC
Communication interface	RJ45 Ethernet
Operating temperature, °C	+10...+40
Working conditions, humidity, %	<90
Voltage, V	11-36
Power consumption, W	40
Dimensions, mm	155 x 125 x 275
Weight, kg	4

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