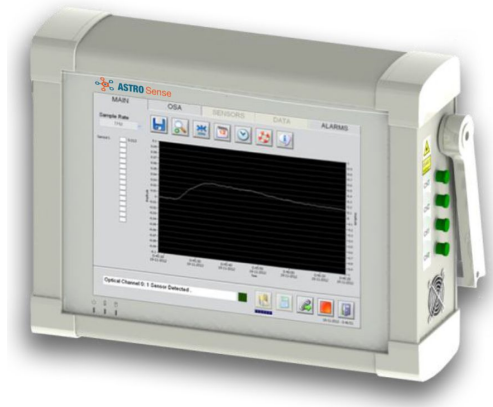




# Portable Interrogator

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



## *Main technical parameters:*

Sample rate, Hz	1
Wavelength range, nm	1500 - 1600
Number of optical channels	4 (2 in reflection + 2 in transmission)
Sensors per channel, max	20 - 25
Resolution, pm	1
Accuracy, pm	±2
Connectors	FC/APC
Communication interface	Ethernet
Operating temperature, °C	+10...+40
Dynamic range, dB	> 50
Power supply, VDC	18 - 20
Power consumption, W	45
Dimensions, mm	360 * 280 * 105
Weight, kg	7.3

## **Optromix, Inc.**

2464 Massachusetts Ave, Suite 220 Cambridge, MA 02140  
office: +1-617-939-9221, e-mail: [info@optromix.com](mailto:info@optromix.com)