



LC4 Interrogator

This low-cost measurement unit is specifically designed to characterize the spectral response of a large number of FBG optical devices.



Main technical parameters:

Sample rate, Hz	50, 100
Wavelength range, nm	1520-1570, 1520 - 1590
Number of optical channels	1, 4, 8
Sensors per channel, max	up to 25
Resolution, pm	< 1
Long-term accuracy, pm	± 1, ± 8
Connectors	FC/APC
Communication interfaces	USB, Ethernet, CAN, RS232, RS485
Data logging, Gb	1..32
Operating temperature, °C	-30...+70
Dynamic range, dB	25
Power supply, VDC	9 - 36
Protection class	IP50
Dimensions, mm	285 * 205 * 65
Weight, kg	2.0

Optromix, Inc.

233 Needham St, Suite 540, Newton, MA 02464
office: +1-617-939-9221, e-mail: info@optromix.com