



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	100, 500, 1000, 3000, 6000
Wavelength range, nm	1520 - 1590 (upgradable to 1510 - 1590)
Number of optical channels	1, 4, 8
Sensors per channel, max	up to 25
Resolution, pm	< 1
Long-term accuracy, pm	±1, ±4
Connectors	FC/APC
Communication interfaces	USB, Ethernet, CAN, RS232, RS485
Data logging (Internal memory / SC Card)	128 Mb / 1 Gb
Operating temperature, °C	-30...+70
Dynamic range, dB	20, 25, 30
Power supply, VDC	9 - 36
Protection class	IP50
Dimensions, mm	270 * 205 * 65
Weight, kg	2.0

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