

Spectrometru model AvaSpec-ULS4096CL-EVO-UA-10

I.D.: 48509506

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Descriere: Spectrometru model AvaSpec-ULS4096CL-EVO-UA-10 Preconfigured AvaSpec-ULS4096CL-EVO Spectrometer Model: AvaSpec-ULS4096CL-EVO-UA-10 Fiber-optic spectrometer, 75 mm AvaBench, 4096 pixel CMOS detector 7 x 200 μ m, USB powered , high speed USB 3.0 and ETH interface, AvaSoft-FULL software included and USB interface cable. □ Optical Bench: Symmetrical Czerny-Turner, 75 mm focal length □ Detector CMOS linear array, 4096 pixels (7 x 200 μ m) □ Stray-light 0.19 - 1.0% □ Sensitivity 218,000 counts/ μ W per ms integration time □ Signal/Noise 335:1 □ Wavelength range: 200 - 1100 nm □ Grating UA (200-1100nm), 300 lines/mm, blaze 300 nm □ Slit size: 10 μ m □ DCL-UV/VIS-200, OSC-UA □ Resolution: 0.50-0.70 (FWHM in nm) □ AD converter 16 bit, 6 MHz □ Integration time: 9 μ s - 40 s □ Interface : USB 3.0 high-speed (5 Gbps), Gigabit Ethernet 1 Gbps □ Sample Speed with on-board averaging: 0.7 ms/scan □ Data transfer speed: 0.7 ms/scan (USB 3.0), 1.31 ms (ETH) □ Digital IO: HD-26 connector, 2 Analog in, 2 Analog out, 13 Digital bidirectional, trigger, sync., strobe, laser □ Dimensions, weight: 177 x 127 x 44.5 mm, 1135 grams □ Power supply: default USB3 power, 500 mA Teslometer FM 302, including: - 1.8 m USB cord, CD with drivers and control program, power adapter, case, with replacement battery and factory calibration certificate - 9V power adapter - probe AS-NTM for FM 302, with factory calibration certificate. Linearity curve (test curve at three temperatures each with 19 checkpoints)
