

## **SPECTROMETRU OPTIC, SURSA DE LUMINA, CUVA, SPECTROMETRU RAMAN, SONDA**

I.D.: 69600270

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Pretul estimativ: 125.290,00 RON - 125.290,00 RON

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Descriere: 1.Spectrometru optic in domeniul spectral 200-1100 nm High sensitivity AvaSpec-HS2048XL PN: AvaSpec-HS2048XL-EVO High sensitivity fiber-optic Spectrometer, 2048 large 500 µm pixel back-thinned CCD detector, USB powered, high-speed USB3.0 and ETH interface, incl. AvaSoft-Full 2.Sursa de lumina tip LED High-power light-emitting diode light source PN: AvaLight-HPLED-470 Peak wavelength: 470 nm FWHM: 25 nm Optical power with 600 µm fiber: 3.4 mWatt 3.Cuva pentru masuratori in fluorescenta cuplata la fibra optica Fluorescence cuvette holder and fiber optics PN: CUV-FL-UV/VIS - Fluorescence cuvette holder, 10 mm path, incl. 2 UV/VIS/NIR lenses under 90°, 2 x SiO2 coated aluminium mirrors and cover 4.Spectrometru Raman cu emisie laser la 532 nm AvaRaman-532 TEC PN: AvaRaman-532TEC-USB2 Consisting of following elements: - Solid state 50 mW laser 532 nm, FWHM 0.1 nm - TE-cooled AvaSpec-ULS2048L-TEC-USB2 Spectrometer with 1200 lines/mm grating set 535-752 nm 5.Sonda Raman cu fibra optica AvaRaman probe PN: AvaRaman-PRB-532 3/8" Standard low cost fiber optic Raman focusing probe with a 200µm excitation fiber and 400µm read fiber. Multiple focal lengths available (5 mm, 7.5 mm (standard), 10 mm). It can withstand 80°C. Termen de livrare: cel tarziu 15.10.2022 Termen de garantie: 36 de luni Beneficiar: Facultatea de Fizica - Nicolae Leopold Responsabil achizitie: Chis Dana 125.290,00 lei fara TVA x 1.19 = 149.095,10 lei

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