



INTRODUCING THE D-VISION SPECTROMETER:  
SINGLE-SENSOR BROADBAND COVERAGE FROM 500 TO 1700 nm

# d·vision



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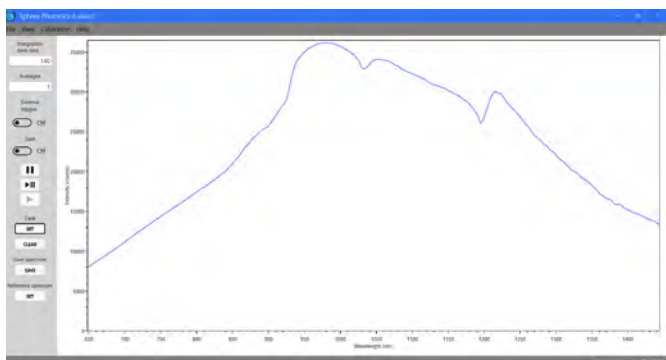
## INTRODUCING THE D-VISION SPECTROMETER: SINGLE-SENSOR BROADBAND COVERAGE FROM 500 TO 1700 nm

Experience the full spectrum with the d-vision spectrometer, your single-sensor solution for expansive VIS-NIR analysis. Eliminate the hassle of stitching spectra with d-vision's ability to capture a broad bandwidth around 1050 nm in a single acquisition, all at ambient temperatures.

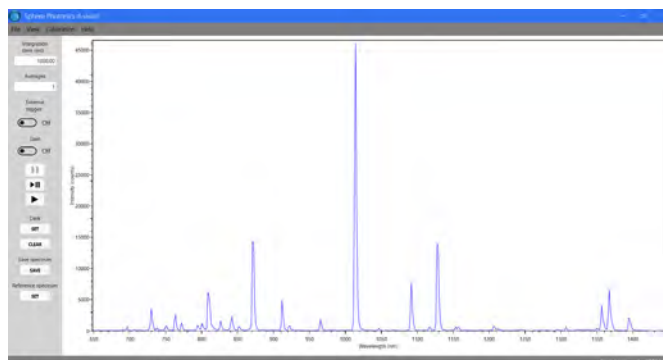
Our cutting-edge technology and precision engineering allow us to offer you a compact and cost-effective broadband VIS-NIR spectrometer. The d-vision delivers unparalleled performance, covering a bandwidth from 500 to 1700 nm, with resolutions from 5 nm to 0.5 nm depending on your grating selection.

With the d-vision software, simplicity meets sophistication. Its user-friendly interface, combined with a robust set of features, ensures that your measurement experience is both effortless and enjoyable.

Discover the d-vision difference – where your most ambitious spectral measurements become a seamless reality.



Spectral response of d-vision model 650 nm – 1450 nm



Spectrum of Hg lamp

### TECHNICAL SPECIFICATIONS

	d-vision
Wavelength range	500 - 1700 nm (grating dependent)
Detector	512 px
Slit	15 $\mu\text{m}$ <sup>(a)</sup>
Integration Time	10 $\mu\text{sec}$ - 5 sec
AD converter	16-bit
Interface	USB 2.0
dimensions (WxLxH)	107 mm x 75 mm x 42 mm

(a) Other slit dimensions on request

Typical Range Selection		
Wavelength range	Spectral Bandwidth	Resolution
500 - 1700 nm	1200 nm	5 nm
700 - 1700 nm	1000 nm	4 nm
700 - 1400 nm	700 nm	3 nm
950 - 1700 nm	750 nm	3 nm
850 - 1200 nm	350 nm	1.5 nm
960 - 1080 nm	120 nm	0.5 nm



Talk to us for different wavelength ranges.