

LabSpec 2500/2600 Portable Vis/NIR Spectrometer



The latest in truly portable post-dispersive ultra-rugged spectrometers. The LabSpec 2500/2600 series spectrometers incorporate the benchmark power of the award winning LabSpec® Pro's broad spectral range (350-2500 nm) and combines it with Ethernet and optional wireless functionality, as well as expanded temperature operating parameters for reliability even in extreme environments. Also standard is a more ruggedized exterior design with non-slip, urethane end-caps.

Spectral Range	350-2500 nm
Spectral Resolution	
• 2500	3 nm @ 700 nm, 10 nm @ 1400/2100 nm
• 2600	3 nm @ 700 nm, 6 nm @ 1400/2100 nm
Sampling Interval	1.377 nm @ 350-1050 nm, 2 nm @ 1000-2500
Scanning Time	100 milliseconds
Detectors	One fixed reflective holographic diffraction grating, silicon photodiode array with 512 elements and high order blocking filter, 2 X fast scanning reflective
Connectivity	10/100Base T Ethernet interface
Photometric Noise @ 0 AU (RMS) w/ Transmission Probe	50 µ AU from 350 - 1050 nm, 30 µ AU from 1000 - 1800 nm, 60 µ AU from 1800 - 2500 nm
Power Included	12 Volt DC Lead Acid Gel Cell battery belt for up to 9 hour output and external power system 90-240VAC 50/60Hz (automatic selection) input
Weight	12.3 lbs (5.6 kg)
Operating Temperature	Operating Temperature 0 - 40°

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