



Miniaturized Spectrophotometer

## NanoSpectro Pro



- World's smallest spectrophotometer
- Simultaneous obtained of all spectra
- Wireless Communication
- Integration time controlling using software
- Time Monitoring of spectra
- Absorbance & Fluorescence Capabilities
- World's first battery powered wireless spectrophotometer

## Specifications of NanoSpectro Pro

### Optical Specifications

Wavelength Range	360 - 885 nm
Wavelength Reporting Interval	< 2 m
Optical Resolution (FWHM)	5 nm
Wavelength Accuracy	±1.0 nm (at 650 nm)
Wavelength Reproducibility	< ± 0.02 nm for 10 consecutive scans (NIST 2034)
Photometric Accuracy	± 8.0%
Integration time	54 μs - 2000 ms
Typical Scan Time	0.1 s
Light Source	Incandescent with LED support
Detector	Array Multichannel

### Physical Specifications

Communication	Micro USB 2 (Full Speed) & wireless interface
A/D Conversion	14 bit
Software	Windows XP , 7, 8
Wireless Communication Range	Up to 10 meter
Battery Life	2 hours (Light Source on)
Operating temperature	5 - 50 °C
Dimensions	56 mm (L) × 85 mm (W) × 39 mm (H)
Operating Temperature	5 - 50 °C
Charging type	Wireless charger & USB charger

### Certification: FCC Pproval for Wireless Interface

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