



Miniaturized Spectroscopy

Nano Reflectance Spectrophotometer & Color Matching



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

Specifications of Nano Reflectance Spectrophotometer & Color Matching

Optical Specifications

Wavelength Range	380 nm-880 nm
Wavelength Reporting Interval	2 nm
Aperture	5 mm
Observer	2d / 10d
Color Space	CIELab, CIELch, Lab (h), XYZ, Yxy, RGB
Reflectance measurement	45 / 0
Repeatability	Color :<0.01 ΔE^*_{ab} on white ceramic tile; Gloss: +/-0.1 GU from 1-10; +/- 0.2 GU from 10-100
Measurement time	2 ms
Detector	Linear CCD

Physical Specifications

Communication Interface	USB 2.0 (Full Speed)
	Bluetooth
Batteries	Rechargeable lithium
Charging type	Wireless charger
	USB charger
Battery Life	2 hours (Light Source on)
Wireless Communication Range	Up to 10 meter range
USB Connector	Micro USB
Dimensions	56 mm (L) \times 85 mm (W) \times 39 mm (H)
Operating temperature	5-50 °C
Storage temperature	-20-70 °C

Certification: FCC Pproval for Wireless Interface

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