





The Best Choice for Portable Handheld Spectrometer System

The Smallest Spectrometers with Wide Wavelength Measurement
--- UM & AM series



- ▶ Cover from 200~900 nm but 19 gw & 23 x 31 x 8.5 mm³ Only
- ▶ Optional Wifi Function
- ▶ High Sensitivity & Low Stray Light
- ▶ Support Continuous High-Speed Exposures Mode
- ▶ Proprietary Stray Light Calibration Algorithm
(Stray Light Can be Eliminated to 0.01%)
- ▶ On-board CPU Supports Optical and Color Parameters Calculation
- ▶ Attractive Cost to Implement Ultra-small & Smart Spectrometer Systems

Specification

Type	Ultra-Mirco Type	Extreme Ultra-Micro Type		Broad Wavelength Range Type	
Product Photo					
Model	UM1280	UM1380	UM1390	AM1280	
Sensitivity Enhanced Edition	Model	UM2280	UM2380	UM2390	AM2280
	Times of Enhancement	2.5	2~3		~1.5
Features	Wide Band & High Resolution	World's Smallest Spectrometer	Vertical Light Incidence	World's Smallest Wide-band Spectrometer	
Wavelength Range	V: 380-780nm V2: 330-850nm			DUV1: 200-900nm V6: 330-900nm	
Selectable Slits	25 / 40 um				
Resolution	5.5-10 nm (FWHM)				
SNR	150				
Dark Noise	52				
Stray Light	0.5%				
Exposure Time	1ms~65s				
Readout Rate of Sensor	2MHz				
Size (W) x (L) x (H)	39.3x 43.5x 10.1 mm ³	23.2 x 31 x 10 mm ³	23.2 x 31 x 8.5 mm ³	41.72 x 44 x 8.96 mm ³	
Weight	19g	13g		19g	
Power	4.5-5.5v				
Control Board	CB-56M2				

