

Mira DS



Technical Specifications

Mira DS 785	
Laser (excitation wavelength)	785 nm ± 0.5 nm
Laser Output Power	100 mW, 50 mW at sample, 5 adjustable laser powers down to 10 mW
Wavelength Range	400 to 2300 cm ⁻¹
Spectral resolution	8 to 10 cm ⁻¹ (FWHM) across range
Collection Optics	5 mm working distance; 0.04 spot size, 2.5 mm raster size
Collection Techniques	Orbital Raster Scan (ORS™) to average over the sample
Exposure	Automatic modes (100 ms minimum)
Battery	2 AA Batteries, Lithium ion, >4+ hours operation
Weight	0.705 kg
Size	88.2 × 126.5 × 45.3 mm
Operating Temperature	-20 °C to +50 °C (continuous)
Ruggedization	MILSPEC 810G, IP67 Certified
Display	High visibility, glove compatible, color touch screen
Security Log in	PIN Code
Measurement Accessories	3 Position Point and Shoot, Right Angle Adapter, Cal Standard
Laser Class	Class 3B
Compliance	CE certification



Ordering Information

Instruments

2.926.0020

Mira DS (Advanced Package, in carrying case complete with):

- 6.07501.010 Calibration Standard
- 6.07506.000 Right Angle Attachment
- 6.07506.010 Universal Attachment
- 6.06071.020 Mira Cal DS USB Stick
- 6.02707.020 Mira DS Ruggedized Carrying Case
- 6.2133.020 Lithium battery AA 1,5V/2900mAh
- 6.2151.110 Cable USB (OTG) Mini B PI-USB A PI 1.8m
- 6.2166.000 USB power adapter
- 6.7560.010 Laser goggles 785 nm
- 6.7430.060 NIR micro fiber cleaning cloth
- 6.07507.000 Mira Sampling Blackout Cloth

1.9260.020

Mira DS Advanced

Optional

6.07506.020

Standoff Attachment

6.07506.030

Contact Ball-Probe

6.06071.640

HazMasterG3 Software (1 license)

Accessories