

Mira M-3 handheld Raman spectrometer



Technical specifications

	Mira M-3
Laser Excitation (nm)	785
Max Laser Power (mW)	100
Spectral Range (cm⁻¹)	400–2300
Spectral Resolution (cm⁻¹)	13–15
Detector Type	CCD array 1024 x 64 pixels
Orbital Raster Scan (ORS)	Yes
Dimensions (cm)	13.0 (h) x 8.5 (w) x 4.0 (d)
Weight (g)	752
Water & Dust Protection	IP 67
Operating Temperature (°C)	-20 to +40
Display	3.7" LCD touchscreen
Data Transfer	Mini-USB
Barcode Reader	Yes, integrated
Battery Type	2 x AA batteries
Battery Life (recommended batteries)	>4 hours
21 CFR Part 11 Compliance	Yes
Laser Class	Class 3b and Class 1 options
Sampling Accessories	Point-and-shoot, Vial holder, Tablet holder
Instrument Accessory Recognition	Yes (smart chip)
Software	MiraCal 3.0
Libraries Available	USP (~550 samples)

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