

Technical Data - Cora 100

Technical Specifications	
Laser excitation	785 nm
Laser output power	300 mW output, >215 mW at sample
Spectral range	400 cm ⁻¹ to 2300 cm ⁻¹
Spectral resolution	max. 10 cm ⁻¹
Detector type	Linear CCD array
Display	Transmissive color TFT with LED backlighting
Software	Embedded Linux
Data formats	Text
Connectivity	USB 2.0 mass storage device
Battery	Rechargeable Li-ion, normally 60 scans endurance before recharging ¹ , non-user replaceable
AC adapter	Optional output 5 VDC/1 A USB for charging
Size	15.8 cm x 10.1 cm x 2.9 cm
Weight	650 g
Operating temperature	-20 °C to +40 °C
Storage temperature	-30 °C to +50 °C
Accessories	Point-and-shoot adapter, vial holder, 90° angle adapter with mounting tools, laser aperture cap with polystyrene target for system test
Included items with product	Instrument, watertight case, shoulder strap, USB cable, vials