

Spectrophotometer, Genova Nano micro-volume



A fusion of the high calibre Genova Plus life science spectrophotometer and Jenway's innovative micro-volume measurement accessory.

Small sample volumes as low as 0.5µl can be measured with a high degree of accuracy, reproducibility and speed. Cleaning is quick and simple; wiping the read heads with a microfibre cloth removes all trace of the sample, allowing faster change over between samples and therefore increasing sample throughput.

- Micro-volume, life science and standard spectrophotometer in 1
- Temperature controlled with optional Peltier Accessory (735 301 SP/25298)
- Ideal for DNA, RNA and Protein measurements
- Only 0.5µl sample volume required
- Purity scan over entire wavelength range, 198 to 1000nm
- Detects DNA concentrations as low as 2ng/µl
- Easy and quick to clean
- Method and result saving to USB memory stick

Technical Specifications

Parameter	Genova Nano fitted with Press to read Xenon lamp
Wavelength Range/Accuracy	198 to 1000nm ± 2nm
Spectral Bandwidth/Path Length	5nm / 0.2 or 0.5mm (auto-ranging)
Maximum Concentration	6,000 ng/µl (dsDNA) (at 0.2mm)
Detection Limit/Time	2.0ng/µl (dsDNA) (at 0.5mm) / < 6.5 seconds
Minimum/Maximum sample Size	0.5µl (at 0.2mm), 1.0µl (at 0.5mm) Max 5.0µl
DNA measurement modes	dsDNA, ssDNA, RNA, Oligonucleotides, 260/ 280, 260/ 230, Variable ratio
Protein measurement modes	Pierce 660, BCA, Bradford, Lowry, Biuret, Direct UV
Sample Pedestal Material	Quartz stainless steel
Size (WxDxH)/Weight	275 x 400 x 220mm 7.7kg

Cat. No.	Code	Description
SP/25702	737 501	Genova Nano micro- spectrophotometer UV/Visible scanning spectrophotometer fitted with micro-volume accessory, supplied with 10x10 cuvette holder, micro-cuvette holder, 4GB USB memory stick, calibration manuals and universal power supply



SP/25702

Double beam spectrophotometer with variable bandwidth



Delivery includes: 6850 double beam spectrophotometer, supplied fitted with single 10x10mm cuvette holder in sample and reference position, instruction manual, power cables, PC software on CD ROM with USB connection cable and dongle, 4GB USB memory stick, 2 x quartz cuvettes, 4 x glass cuvettes and FREE dust cover and 230V power supply

Jenway Prism PC software is supplied as standard and offers additional functionality with preloaded methods for DNA/RNA and protein analysis, as well as extensive post-measurement tools, unlimited results saving and easy export of data.

The 6850 double beam spectrophotometer is ideal for quality control, general research, pharmaceutical, biochemical and clinical laboratory applications.

- Double beam spectrophotometer with highly stable optics
- Conforms to European Pharmacopeia requirements
- Jenway Prism PC software included as standard
- Extensive range of accessories available

Technical Specifications

Wavelength range/resolution	190 to 1100nm x 0.1 nm
Spectral bandwidth	Variable 0.5, 1, 2, 4, 5nm
Photometric range	- 0.3 to 3.0A 0 to 200%T
Multi-wavelength	Up to 10 wavelengths, up to 20 wavelengths with PC software
Calculations	Ratio, difference, formulae with factors
Spectrum range	Any range between 190 and 1100nm
Scan speed/Interval	100 to 2000nm/min / 0.1, 0.2, 0.5, 1, 2 or 5nm
Scan interval	
Light source	Tungsten halogen and Deuterium lamps
Outputs	USB and parallel
Size (WxDxH)/Weight	600 x 450 x 200mm / 22kg

Cat. No.	Code	Description
SP/25200	6850/230V	Spectrophotometer 6850, double beam
Accessories		
SP/25210	685 131	Cell holder, water heated, 10. x 10mm single
SP/25212	685 005	Cuvette holder, 10 to 100mm path length
SP/25214	685 304	Cuvette holder, micro
SP/25216	685 401	Cell changer, automatic, 8 position
SP/25218	685 024	Lamp kit, Tungsten Halogen
SP/25220	685 021	Lamp, Deuterium



SP/25702 open



SP/25200

More spectrophotometers are listed in our Water section. Please see page 502