

Описание на спектрофотометры. Серия Genova Nano

По вопросам продаж и поддержки обращайтесь:

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Кемерово(3842)65-04-62,
Киров(8332)68-02-04,

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Genova Nano Micro-volume Life Science Spectrophotometer

The Genova Nano micro-volume spectrophotometer measures small sample volumes as low as 0.5µl with a high degree of accuracy, reproducibility and speed. It has the ability to measure small sample volumes, conserves precious samples, reduces the need for dilutions and eliminates the requirement for cuvettes. 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.

Key Features

- Micro-volume, life science and standard spectrophotometer measurement modes
- 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
- Results are reproducible, accurate and easily obtained
- Method and result saving to USB memory stick
- 3 year warranty including Xenon lamp

Technical Specification

Parameter	Genova Nano
Wavelength Range	198 to 1000nm
Wavelength Accuracy	± 2nm
Spectral Bandwidth	5nm
Path Length	0.2 or 0.5mm (auto-ranging)
Absorbance Range	- 15 to 125A (10mm equivalent)
Absorbance Accuracy	± 2% at 260nm
Absorbance Precision	< 0.005A between 0 and 1A (at 260nm and 0.5mm)
Maximum Concentration	6,000 ng/μl (dsDNA) (at 0.2mm)
Detection Limit	2.0ng/μl (dsDNA) (at 0.5mm)
Measurement Time	< 6.5 seconds
Minimum sample Size	0.5μl (at 0.2mm), 1.0μl (at 0.5mm)
Maximum sample size	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
Light Source	Press to read Xenon lamp
Size (w x d x h), mm	275 x 400 x 220
Weight, kg	7.7

When the 10x10mm cuvette accessory is fitted the spectrophotometer conforms to the Genova Plus technical specification

Ordering Information

Part Code	Description
737 501	Genova Nano micro- spectrophotometer UV/Visible scanning spectrophotometer fitted with micro-volume accessory, supplied with 4GB USB memory stick, calibration standards and certificate, instruction manuals and universal power supply

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