Spex® Jenway® Genova Plus Spectrophotometer

A UV/visible spectrophotometer dedicated to life science analysis which can also be used as a standard spectrophotometer. It allows the measurement of DNA concentrations and purity ratios using wavelengths recorded at 260, 280 and 230nm, with an optional correction at 320nm. Pre-programmed with Bradford, Lowry, Biuret, BCA and Direct UV methods for protein analysis, and has an OD measurement mode enabling users to measure optical density at 600nm for cell harvesting. The purity scan across the entire wavelength range from 198 to 1000nm displays any distorted peaks enabling impurities to be easily identified. Icon driven software and an improved navigation system mean easy and intuitive usability. As well as the dedicated life science measurement modes this instrument can also be used as a standard spectrophotometer with measurement modes for photometrics, concentration, multi-wavelength, spectrum scanning, quantitation and kinetics.

- Pre-programmed for DNA/RNA analysis
- DNA purity scan applies across the entire wavelength range
- Protein methods come pre-loaded
- Small footprint
- Save methods and results to USB memory stick
- Fitted with micro-cuvette holder, supplied with 10x10mm cuvette holder, pack 100 disposable micro-cuvettes, instruction manual, universal power supply, USB memory stick

Code	Alt Ref	Wavelength Range, nm	Absorbance Range, A	Light Source	Dims, w x d x h, mm	Price
SPE3200	736501	198 - 1000	-0.300 - 2.500	Xenon lamp	275 x 400 x 220	**£4421.00**

Spex® Jenway® Genova Nano Micro-Volume Spectrophotometer

All the same features and benefits of the Genova Plus with the addition of the micro-volume accessory making it even more versatile. This spectrophotometer is very simple and quick to use and its ability to measure sample volumes as low as 0.5µL conserves precious samples, reduces the need for dilutions and eliminates the requirement for cuvettes. It measures small sample volumes with a high degree of accuracy and reproducibility in less than 6.5 seconds. Its stainless steel read head with an embedded quartz lens, utilises the natural surface tension of the droplet to form the bond between the read head surfaces. Pre-programmed methods for the measurement of nucleic acid concentrations and protein assays as well as measurement modes to assess the purity of nucleic acids and optical density for cell harvesting. With pre-programmed methods for the measurement of ssDNA, dsDNA, RNA and oligonucleotide concentrations as well as Pierce 660, Bradford, Lowry, Biuret, BCA and Direct UV methods for protein analysis. It can also be used as a standard spectrophotometer with measurement modes for photometrics, concentration, multi-wavelength, spectrum scanning, quantitation and kinetics.

- Ideal for DNA, RNA and protein measurements
- Only 0.5µL sample volume required
- Easy and quick to clean
- Detects DNA concentrations as low as 2ng/µL
- Method and result saving to USB memory stick

Code	Alt Ref	Wavelength Range, nm	Absorbance Range, A	Light Source	Dims, w x d x h, mm	Price
SPE5050	737501	198 - 1000	-15 - 125	Xenon lamp	275 x 400 x 220	**£5592.00**