

JENWAY

Focus on Spectroscopy



Introduction

UV-visible spectroscopy is the measurement of the absorbance of light at a specific wavelength by a sample within the UV or visible region of the spectrum. Spectroscopy is one of the most established analytical techniques used to identify the presence and concentration of many molecular entities. As spectrophotometers are used in many applications and across multiple industries, Jenway have Spectrophotometer ranges designed to suit a wide range of budgets.

- Robust
- Reliable
- Highly competitive
- Excellent value for money



67 Series

Visible and UV/Visible Scanning Spectrophotometers

- 4nm and 1.5nm spectral bandwidth
- Colour touch screen display
- High quality, sealed split beam optics for optimum photometric performance
- Secure multi-user operation
- Save to SD memory cards
- Extensive range of accessories for flexibility and improve productivity
- LIMS ready
- 3 year warranty including xenon lamp

63 Series

Entry-level Single Beam Visible and UV/Visible non-scanning Spectrophotometers

- Multi-parameter display with wavelength and photometric readouts
- Small footprint
- Wide range of sampling accessories
- Domed lid of 6320D accepts tubes up to 105mm
- 6305 utilises a high quality pulsed xenon lamp
- Easy and intuitive operation
- 3 year warranty



6850

UV/Visible Double Beam Spectrophotometer

- Double beam spectrophotometer with highly stable optics
- Integrated user interface for local control
- Variable spectral bandwidth 0.5, 1, 2, 4 and 5nm
- Conforms to European Pharmacopeia requirements
- Jenway Prism PC software included as standard
- Extensive range of accessories available
- USB for data storage



73 Series

Visible and UV/Visible Scanning Spectrophotometers

- 5nm spectral bandwidth
- Absorbance range -0.3 to 2.5 Abs
- Icon driven software
- Autologging capabilities
- Free bi-directional PC software
- Extensive range of accessories
- Results and method saving to USB memory stick (models 7310/7315 only)
- 3 year warranty including xenon lamp



Innovative products for spectroscopy



Genova Plus

Life Science Spectrophotometer

- 5nm spectral bandwidth
- Absorbance range -0.3 to 2.5A
- Pre-programmed for DNA/RNA analysis
- Purity scan across entire wavelength range
- Pre-programmed methods for protein analysis
- Standard spectrophotometer functions
- Press to read xenon lamp
- Icon driven software
- Method and result saving to USB memory stick
- 3 year warranty including xenon lamp



Genova Nano

Standard, Life Science and Micro-volume Spectrophotometer

- All the features of the Genova Plus with addition of Micro-volume capability
- Direct pipetting of sample onto read head
- Only 0.5µl sample volume required
- Quick and easy to clean
- Detects DNA concentrations as low as 2ng/µl
- 3 year warranty including Xenon lamp

Also available:

Spectrophotometer Accessories

Jenway spectrophotometers are very versatile and flexible instruments with an extensive range of accessories which have been specifically designed to be easily interchangeable.

For more information please email info@bibby-scientific.com



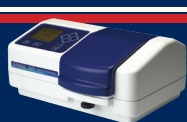
Visible Spectrophotometers

Life Science Micro-volume



	6300	7300	7310	6700	Genova Plus	Genova Nano
Beam	Single Beam	Single Beam	Single Beam	Split Beam	Single Beam	Single Beam
Range (nm)	320 to 1000	320 to 1000	320 to 1000	320 to 1100	198 to 1000	198 to 1000
Bandwidth (nm)	8	5	5	4	5	5
Photometrics	✓	✓	✓	✓	✓	✓
Concentration	✓	✓	✓	✓	✓	✓
Spectrum scan	-	-	✓	✓	✓	✓
Kinetics	-	-	✓	✓	✓	✓
Quantitation	-	-	✓	✓	✓	✓
Multi-wavelength	-	-	-	✓	✓	✓
Post-scan analysis	-	-	✓	✓	✓	✓
File output	-	-	csv	csv or bmp	csv	csv
Removable media	-	-	USB	SD	USB	USB
PC Software	✓	✓	✓	✓	✓	✓
Interface	Analogue RS232	Analogue RS232	Analogue, USB RS232	Analogue, SD, Centronics	Analogue, USB RS232	Analogue, USB RS232
Ordering code (230V)	630 501	730 001	731 001	670 0B0	736 501	737 501
Ordering code (110V)	630 531	730 001	731 001	670 0B0	736 501	737 501

UV/Visible Spectrophotometers



	6305	7305	7315	6705	6715	6850
Beam	Single Beam	Single Beam	Single Beam	Split Beam	Split Beam	Double Beam
Range (nm)	198 to 1000	198 to 1000	198 to 1000	190 to 1100	190 to 1100	190 to 1100
Bandwidth (nm)	8	5	5	4	1.5	0.5, 1, 2, 4, 5
Photometrics	✓	✓	✓	✓	✓	✓
Concentration	✓	✓	✓	✓	✓	✓
Spectrum scan	-	-	✓	✓	✓	✓
Kinetics	-	-	✓	✓	✓	✓
Quantitation	-	-	✓	✓	✓	✓
Multi-wavelength	-	-	-	✓	✓	✓
Post-scan analysis	-	-	✓	✓	✓	✓
File output	-	-	csv	csv or bmp	csv or bmp	csv
Removable media	-	-	USB	SD	SD	USB
PC Software	✓	✓	✓	✓	✓	✓
Interface	Analogue RS232	Analogue RS232	Analogue, USB RS232	Analogue, SD Centronics	Analogue, SD Centronics	RS232 USB
Ordering code (230V)	635 001	730 501	731 501	670 5B0	671 5B0	6850/230V
Ordering code (110V)	635 031	730 501	731 501	670 5B0	671 5B0	6850/115V

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