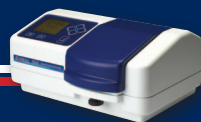


# Welcome to the range

## Visible Spectrophotometers



	6300	6320D	7200	7300	7310	6700
Beam	Single Beam	Single Beam	Single Beam	Single Beam	Single Beam	Split Beam
<b>Wavelength</b>						
Range (nm)	320 to 1000	320 to 1000	335 to 800	320 to 1000	320 to 1000	320 to 1100
Bandwidth (nm)	8	8	7	5	5	4
<b>Modes</b>						
Photometrics	✓	✓	✓	✓	✓	✓
Concentration	✓	✓	✓	✓	✓	✓
Spectrum Scan	-	-	✓	-	✓	✓
Kinetics	-	-	✓	-	✓	✓
Quantitation	-	-	✓	-	✓	✓
Multi-Wavelength	-	-	-	-	-	✓
Optical Density	-	-	✓	-	-	-
<b>Data</b>						
Post-scan Analysis	-	-	✓	-	✓	✓
File output	-	-	CSV	-	CSV	CSV or BMP
Removable Media	-	-	USB	-	USB	SD
PC Software	✓	✓	-	✓	✓	✓
Output	Analogue RS232	Analogue RS232	USB	Analogue RS232	Analogue RS232, USB	Analogue, USB, Centronics

### 6300 & 6320D

### 7200

### 7300 & 7310

### 6700

The 6300 and 6320D are basic single beam entry level visible spectrophotometers, which have measurement modes for absorbance, % transmittance and concentration. The 6320D has a domed lid making it ideal to accept test tubes up to 105 mm tall. The 63 series spectrophotometers are covered by a 3 year warranty. Model 6305 utilises a high quality pulsed xenon lamp to extend this range into the UV part of the spectrum.

The 7200 spectrophotometer is the first visible scanning spectrophotometer in the Jenway range to leverage diode array technology to produce exceptionally fast scanning results. This spectrophotometer has a colour touchscreen user interface and results saving to USB. The 7200 is covered by a 2 year warranty.

The 73 series spectrophotometers are single beam spectrophotometers which use icon driven software and soft key navigation for intuitive set up and use. The 7310 has a USB port for saving methods and results. Both models have the option of an integrated printer and are supplied with free PC software. They are covered by a 3 year warranty.

The 6700 spectrophotometer is a split beam visible spectrophotometer that possess a host of novel features. These include a colour touch screen, secure multi-user operation, a full range of plug-in accessory modules and flash synchronised scanning which allows the 67 series to achieve scan speeds of 1500nm/ min, even when scanning at a resolution of 0.1nm. This model is covered by a 3 year warranty.

For more help selecting a spectrophotometer contact [cptechsupport@coleparmer.com](mailto:cptechsupport@coleparmer.com)

# Jenway Spectrophotometers

## UV/Visible Spectrophotometers



	6305	7205	7305	7315	6705	6715	6850
Beam	Single Beam	Single Beam	Single Beam	Single Beam	Split Beam	Split Beam	Double Beam
<b>Wavelength</b>							
Range (nm)	198 to 1000	198 to 800	198 to 1000	198 to 1000	190 to 1100	190 to 1100	190 to 1100
Bandwidth (nm)	8	5	5	5	4	1.5	0.5, 1, 2, 4, 5
<b>Modes</b>							
Photometrics	✓	✓	✓	✓	✓	✓	✓
Concentration	✓	✓	✓	✓	✓	✓	✓
Spectrum Scan	-	✓	-	✓	✓	✓	✓
Kinetics	-	✓	-	✓	✓	✓	✓
Quantitation	-	✓	-	✓	✓	✓	✓
Multi-wavelength	-	-	-	-	✓	✓	✓
Optical Density	-	✓	-	-	-	-	-
<b>Data</b>							
Post-scan Analysis	-	✓	-	✓	✓	✓	✓
File Output	-	CSV	-	CSV	CSV or BMP	CSV or BMP	-
Removable Media	-	USB	-	USB	SD	SD	-
PC Software	✓	-	✓	✓	✓	✓	✓
Output	Analogue RS232	USB	Analogue RS232	Analogue RS232, USB	Analogue, USB Centronics	Analogue, USB Centronics,	RS232 USB

7205

7305 & 7315

6705 & 6715

6850

The 7205 spectrophotometer leverages diode array technology to produce exceptionally fast scanning results. This spectrophotometer has a colour touchscreen user interface and results saving to USB. The 7205 is covered by a 2 year warranty including xenon lamp.

The 73 series spectrophotometers are single beam spectrophotometers which use icon driven software and soft key navigation for intuitive set up and use. The 7305 and 7315 models use a press to read xenon lamp to cover the UV/visible part of the spectrum. The 7310 has a USB port for saving methods and results. Both models have the option of an integrated printer and are supplied with free PC software. They are covered by a 3 year warranty including the xenon lamp.

The 6705 and 6715 spectrophotometers are a range of split beam UV/visible spectrophotometers that possess a host of novel features. These include a colour touch screen, secure multi-user operation, a full range of plug-in accessory modules and flash synchronised scanning. Model 6705 has a spectral bandwidth of 4nm and model 6715 has a spectral bandwidth of 1.5nm. The 67 series spectrophotometers are covered by a 3 year warranty including the xenon lamp.

The 6850 is a UV/visible double beam spectrophotometer with a variable spectral bandwidth. This spectrophotometer has an integrated user interface for local control and ease of navigation. The 6850 is ideal for quality control, general research, pharmaceutical, biochemical and clinical laboratory applications. This model is covered by a 1 year warranty.

For more help selecting a spectrophotometer contact [cptechsupport@coleparmer.com](mailto:cptechsupport@coleparmer.com)

# Jenway Spectrophotometers

## Cuvette measurement



	Genova Bio	Genova Plus
Beam	Single Beam	Single Beam
<b>Wavelength</b>		
Range (nm)	198 to 800	198 to 1000
Bandwidth (nm)	3	5
<b>Modes</b>		
Nucleic Acids	✓	✓
Protein Assays	✓	✓
Direct UV	✓	✓
Warburg-Christian	✓	-
Photometrics	✓	✓
Concentration	✓	✓
Spectrum Scan	✓	✓
Kinetics	✓	✓
Quantitation	✓	✓
Multi-wavelength	-	✓
Optical Density	✓	✓
<b>Data</b>		
Post-scan Analysis	✓	✓
File Output	CSV	CSV
Removable Media	USB	USB
Output	USB	Analogue, RS232, USB

### Genova Bio

The Genova Bio is a simple, low cost, easy to use UV/visible spectrophotometer dedicated for life science applications. It is compatible with a wide range of small volume cuvettes, making it ideal for measuring DNA and RNA samples. To make measurements quicker and easier, the Genova Bio has pre-programmed methods for the measurement of nucleic acid concentration and purity, protein assays and cell density.

This spectrophotometer measures across a UV/visible wavelength range of 198 to 800nm, with a narrow spectral bandwidth of 3nm. The Genova Bio is covered by a two-year warranty which includes the xenon lamp.

### Genova Plus

This spectrophotometer is based on the highly successful 73 series spectrophotometers therefore it has all the same features including icon driven software and an improved navigation system for easy and intuitive usability.

As a life science spectrophotometer it has pre-programmed methods for the measurement of nucleic acid concentrations and protein assays plus measurement modes for determining the purity of nucleic acids and optical density (OD) for cell harvesting.

This model is by a 3 year warranty including the xenon lamp.

## Micro-volume measurement



	Genova Nano
Beam	Single Beam
<b>Wavelength</b>	
Range (nm)	198 to 1000
Bandwidth (nm)	5
<b>Modes</b>	
Nucleic Acids	✓
Protein Assays	✓
Direct UV	✓
Warburg-Christian	-
Photometrics	✓
Concentration	✓
Spectrum Scan	✓
Kinetics	✓
Quantitation	✓
Multi-wavelength	✓
Optical Density	✓
<b>Data</b>	
Post-scan Analysis	✓
File Output	CSV
Removable Media	USB
Output	Analogue, RS232, USB

### Genova Nano

The Genova Nano measures small sample volumes as low as 0.5µl with a high degree of accuracy, reproducibility and speed. Its ability to measure small sample volumes, 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, therefore increasing sample throughput.

This model uses icon driven software and soft key navigation for intuitive set up and use. It has a USB port for saving methods and results and the option of an integrated printer. The Genova Nano is covered by a 3 year warranty including the xenon lamp.

For more help selecting a spectrophotometer contact [cptechsupport@coleparmer.com](mailto:cptechsupport@coleparmer.com)