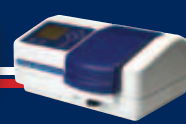




## Visible Spectrophotometers

## Life Science Microvolume

## UV/Visible Spectrophotometers



	6300	7300	7310	6700	Genova Plus	Genova Nano	6305	7305	7315	6705	6715	6850
Beam	Single Beam	Single Beam	Single Beam	Split Beam	Single Beam	Single Beam	Single Beam	Single Beam	Single Beam	Split Beam	Split Beam	Double Beam
<b>Wavelength</b>												
Range (nm)	320 to 1000	320 to 1000	320 to 1000	320 to 1100	198 to 1000	198 to 1000	198 to 1000	198 to 1000	198 to 1000	190 to 1100	190 to 1100	190 to 1100
Bandwidth (nm)	8	5	5	4	5	5	8	5	5	4	1.5	0.5, 1, 2, 4, 5
<b>Modes</b>												
Photometrics	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Concentration	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Spectrum scan	-	-	✓	✓	✓	✓	-	-	✓	✓	✓	✓
Kinetics	-	-	✓	✓	✓	✓	-	-	✓	✓	✓	✓
Quantitation	-	-	✓	✓	✓	✓	-	-	✓	✓	✓	✓
Multi-wavelength	-	-	-	✓	✓	✓	-	-	-	✓	✓	✓
<b>Data</b>												
Post-scan analysis	-	-	✓	✓	✓	✓	-	-	✓	✓	✓	✓
File output	-	-	csv	csv or bmp	csv or bmp	csv or bmp	-	-	csv	csv or bmp	csv or bmp	-
Removable media	-	-	USB	SD	USB	USB	-	-	USB	SD	SD	-
PC Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Interface	Analogue RS232	Analogue RS232	Analogue RS232	Analogue, USB, Centronics	Analogue RS232	Analogue RS232,	Analogue RS232	Analogue RS232	Analogue RS232	Analogue Centronics	Analogue, USB Centronics,	RS232 USB

### 73 Series

### 67 Series

### 63 Series

### 6850

### Genova

The 73 series spectrophotometers are single beam spectrophotometers which use icon driven software and have an improved navigation system. The 7305 and 7315 models use a press to read xenon lamp to provide accurate readings and extend lamp life. The 7310 and 7315 introduce scanning to this range and include measurements modes for photometrics, concentration, spectrum scanning, quantitation and kinetics. This range also includes the Genova Plus and Genova Nano Spectrophotometers which are dedicated to life science analysis. The whole range is covered by a 3 year warranty including the xenon lamp.

The 67 series spectrophotometers are a range of split beam visible and 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 which allows the 67 series to achieve scan speeds of 1500nm/min, even when scanning at a resolution of 0.1nm. The 67 series spectrophotometers are covered by a 3 year warranty including the xenon lamp.

The 63 series are basic single beam entry-level spectrophotometers including the 6300 and 6305, which have measurement modes for absorbance, transmittance and concentration, and are ideal for routine analysis. The 63 series spectrophotometers are covered by a 3 year warranty.

The new 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.

The Genova Plus and the Genova Nano are Jenway's New UV/visible spectrophotometers dedicated for life science analysis. The Genova Plus has methods for the measurement of nucleic acid concentration and purity, protein assays and cell density in addition to the functionality of the 73 series spectrophotometers. The Genova Nano has all the functions of the Genova Plus along with micro-volume capability. The Genova Nano micro-volume spectrophotometer measures small sample volumes as low as 0.5µl with a high degree of accuracy (down to 2ng/µl dsDNA), reproducibility and speed.

# Jenway Spectrophotometers

