

Jenway 6850 Double-Beam Spectrophotometer



The Jenway 6850 introduces the first double beam spectrophotometer with a variable spectral bandwidth into the Jenway range. The highly stable optics and two detectors measure the sample and reference simultaneously optimising measurement accuracy. The 6850 has measurement modes for photometrics, concentration, multi-wavelength, spectrum scanning, kinetics, quantitation, DNA/RNA and protein analysis.

Jenway Prism PC software is supplied as standard and offers additional functionality with preloaded methods for DNA/RNA and protein analysis, as well as extensive post-measurement tools, unlimited results saving and easy export of data.

Jenway 6850 Key Features

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

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The 6850 is ideal for quality control, general research, pharmaceutical, biochemical and clinical laboratory applications. Jenway's 6850 UV/visible double beam spectrophotometer is an upgrade on the old 6800 spectrophotometers. It has a variable spectral bandwidth, integrated user interface, and Jenway's Prism software included as standard. It is ideally suited to be used in quality control, general research, pharmaceutical, biochemical and clinical laboratory applications. The 6850 spectrophotometer is now available with IQ/OQ documentation.

Comparison Chart	6800	6850	Benefits
Spectral Bandwidth, nm	Single - 1.5	Variable - 0.5, 1, 2, 4, 5	Allows a balance between resolution, accuracy and data precision depending on the application. Meets European Pharmacopeia requirements
Scan intervals, nm	0.5, 1, 2 or 5	0.1, 0.2, 0.5, 1, 2 or 5	Can be configured to meet the exact user requirements
Operating system	PC only	Integrated user interface or PC	Allows local control of the unit
PC software	Flight Deck	Jenway Prism	Additional functionality and more user friendly
Outputs	RS232	USB & Parallel port	More flexible methods of data transfer
Power	200VA	120VA, 220/110V, 50/60Hz UK, US and EU mains power leads supplied	International
Size, mm	540, 560, 235	600, 450, 200	Takes up significantly less bench space and saves money
Weight, kg	27	22	Easier to move