

Beckman Coulter Life Science UV/Vis Spectrophotometer DU 730



UV/Vis biospectrophotometer

Rating: Not Rated Yet

Price

Sales price \$3,450.00

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Description

Precise and repeatable results with a small footprint unit. Uses a focused beam design, and the narrow bandwidth of this spectrophotometer allows you to scan small samples at a superior resolution. Intuitive navigation. Applications including fixed wavelength, wavelength scan, kinetics over time, single component analysis, protein assay analysis, nucleic acid analysis, dye incorporation, and DNA/protein tools. Up to 50 user protocols can be created and stored, quickly recalled and applied.

USB ports to allow for plug-in-and-play printers and keyboards, and data may be exported either via USB memory stick or CSV format. The Beckman Coulter DU 730 can be protected by a password with individual access control. Easy-to-clean cells.

Specs:

Operating Mode: Absorbance and Transmittance (%T)

Source Lamp: Deuterium (UV) and Tungsten (visible)

Wavelength Range: 190 to 1100 nm

Wavelength Accuracy: ± 1 nm from 200 to 900 nm

Wavelength Calibration: Automatic

Scanning Speed: Depending on selected resolution (100-4500 nm/min)

Wavelength Resolution: Selectable Interval (0.1, 0.2, 0.5, 1.0, 2.0, and 5.0 nm)

Spectral Bandwidth: < 3 nm

Photometric Readout: -0.3 to 3.0 \AA or 0.1 to $100 \%T$

Photometric Accuracy: $\pm 0.005 \text{ \AA}$ at 0.0 to 0.5 \AA 1% at 0.5 to 2.0 \AA

Photometric Linearity: $< 0.5\%$ at 2.0 \AA $< 1\%$ at $> 2.0 \text{ \AA}$

Stray Light: $> 3.3 \text{ \AA}$ or $< 0.05\%T$ with KI-solution at 220 nm

Dimensions (W X H X D) 45 cm (17.7 in) x 20 cm (7.9 in) x 50 cm (19.7 in)

Weight: 15.5 kg (34.2 lbs)

Operating Requirements: 10 to 40°C (50 to 104°F), max. 90% relative humidity (non-condensing)

Power and Interface Connections: Power 100 to 120 V ; 200 to 240 V ; $50/60 \text{ Hz}$; automatic changeover

Ports: USB 1.1

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