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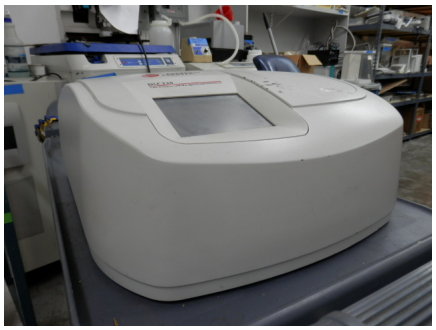
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Beckman Coulter Life Science UV/Vis Spectrophotometer DU 730





UV/Vis biospectrophotometer

Rating: Not Rated Yet
Price
Sales price $3,450.00

Ask a question about this product

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 Å or 0.1 to 100 %T
Photometric Accuracy: ± 0.005 Å at 0.0 to 0.5 Å 1% at 0.5 to 2.0 Å
Photometric Linearity: < 0.5% at 2.0 Å < 1% at > 2.0 Å
Stray Light: > 3.3 Å 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: Power100 to 120 V; 200 to 240 V; 50/60 Hz; automatic changeover
Ports: USB 1.1

Biotech Equipment Sales, Inc., based in South San Francisco, the Biotech capital of the world, since 2009. We are dedicated to bringing high-quality pre-owned laboratory instrumentation to our scientific community.

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