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Find the *Beckman Coulter 166P* at our website: *Click HERE*

Beckman Gold HPLC- Beckman 166 Detector

Beckman Gold® HPLC systems incorporate the latest technological advances in hardware design. The solvent delivery modules are built with the digitally controlled rapid refill pump design with automatic compressibility compensation that has received multiple patents. These features produce smooth flow from microbore to semi-preparative flow rates, and the high-pressure mixing design eliminates the need for constant helium sparging or degassing. The pumps are combined with high-sensitivity UV/VIS and diode array detectors and autosamplers with automation capability to build HPLC systems that have a reputation for the best performance, ease of use and troubleshooting, and longevity due to a solid and reliable design.

Beckman 166 UV-VIS Detector (p/n 728166) Specifications

UNSPSC:	41115701
Mercury Content:	Item Contains Mercury - Dispose According to State/Local Law
Weight:	10 kg (22 lbs)
Bandwidth:	< 5nm @ 254
Detector:	Double-beam, grating monochromator, dual photodiode sensor
Dimensions:	H 20.3 cm (8 in), W 30.5 cm (12 in), D 52.1 cm (20.5 in)
Drift Analytical Flow Cell:	< 0.0001 AU/hr at constant temperature
Electrical:	90 to 130 VAC or 198 to 254 VAC, 50 or 60 Hz, 130 watts, 2 Amps
Environment:	Ambient temperature 4° C to 40° C
Light Source:	UV-pre-aligned D2 lamp 190-360 or 361-700 nm, Visible-optional tungsten lamp 361-700 nm

Linearity Analytical Flow Cell:	± 1% from 0.1 to 1.0 AU to ± .001 AU below 0.1 AU ± 5% from 1.0 to 1.5 AU
Material:	Stainless Steel
Maximum Back Pressure:	1,000 psi
Memory Protection:	Battery back up maintains parameters for 1 week
Noise Analytical Flow Cell:	< 0.00002AU peak-to-peak 1.1 second rise time at 220-280 nm, 1 mL/min methanol
Optional Flow Cell:	Micro 4 µL/5mm/ss, Prep 2.8 µL/0.5mm/ss
Path Length:	10 mm
Programmable Audible Alarms Function (Standard or Programmable):	Yes
Programmable Auto Zero Function:	Yes
Programmable Bandwidth Function:	Yes
Programmable Event Mark Function:	Yes
Programmable Lamp Off Function:	Yes
Programmable Peak Threshold Function:	Yes
Programmable Range Function:	Yes
Programmable Relays On/Off Function:	Yes
Programmable Rise Time Function:	Yes
Programmable Scan Storage Function:	No
Programmable Stop Data Function:	Yes
Programmable Wavelength Function:	Yes
Rise Time:	Selectable 0-5 seconds
U.P.S Load:	2 Amps
Wavelength Accuracy:	± 2 nm after calibration
Wavelength Range:	190-800 nm Single Channel, Programmable, Req. Tungsten Lamp for Visible

Wavelength Repeatability:	± 0.05 nm
Flow Cell (Standard Capacity):	**µL** 17 µL

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