

## Salient features

- Self-priming pump head requires no manual priming
- Patented "Floating Pump Seal" designed for extended seal wear
- Available with micro, analytical, semi-prep and prep pump heads
- Programmable solvent compressibility compensation
- Easy maintenance and service for all wetted parts
- Integral prime/purge assemble for quick solvent change

## ACCESSORIES

- Injector ,                      - Micro syringe
- Column C-18                - Software CD
- Filter

## SPECIFICATIONS (PUMP)

Flow Range	0.001-0.999ml/min
Delivery method	Double piston(Main & Auxiliary)
Pump head	100m1 SST/Peek analytical
Accuracy	±1% or ±2µl/min, whichever is greater ±1% or ± 1µl/min, whichever is greater (Micro)
Flow rate settings	0-0.10 mL/min. 0.001 inc. 0-0.0.90 mL/min. 0.010 inc. 1.0 mL/min. + 0.10 inc.
Precision	0.25% from 0.1ml/min. to 10ml/min at 20 deg C 0.25% from 0.05mL/min. to 4mL/min. at 20 deg C (Micro)
Pmax	6000psi
System connections	1/16" capillaries
Dimensions	410mm x 180mm x 270mm
Weight	7.3 kgs
Power input	85 to 264 VAC, 47 to 63 Hz, 60 Watts
Display	320mm
Control	Stand alone mode using front panel

## SPECIFICATIONS (UV detector)

Wavelength	190-700nm
Spectral bandwidth	6 nm
Wavelength accuracy	≤±1 nm
Flow pool volume	10 µl
Wavelength reproducibility	≤± 0.5nm
Optical path	10 mm
Dynamic noise	≤±2.5x10 <sup>-5</sup> AU(Methanol,1ml/min,254nm,20°C)
Static Noise	≤±1x10 <sup>-5</sup> AU (Empty pool response time 1 s 20°C)
Dynamic Drifting	≤±2.5x10 <sup>-4</sup> AU(Methanol, 1ml/min,254nm, 20°C)
Static Drifting	≤1x10 <sup>-4</sup> AU (Empty pool response time 1 s, 20°C)
Qualitative repeatability	RSD ≤ 0.1%
Quantitative repeatability	RSD ≤ 0.5%
Dimensions	160H x 260W x 350D, (mm)
Weight	6kg
Operating temperature	4-40°C
Minimum detection concentration	≤1x10 <sup>-8</sup> g/mL (Naphthalene/methanol solution)
Linear range	≥10 <sup>4</sup>

