

IV-3201 HPLC SYSTEM

PRODUCT FEATURES

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

ACCESSORIES

- Instruction Manual
- Rheodyne Injector 77251 (USA)
- Micro Syringe
- Column C-18
- Software
- USB Data Cable for PC Connectivity
- Mains Lead
- Tool kit

ISOCRATIC SYSTEM



Technical specification (PUMP)

Flow Range	0.001 - 9.999 ML/min
Delivery method	Double piston (Main & Auxiliary)
Pump head	10ml 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. 0.10 - 0.90 ml/min 0.010 inc. 1.0 mL/Min. + 0.10 inc
Precision	0.25% from 0.1 mL/min. to 10 mL/min. at 20 deg C
Pmax /System connections	6000psi / 1/16" capillaries

Technical specification (UV DETECTOR)

Wavelength	190-700 nm
Spectral bandwidth	6 nm
Wavelength Accuracy	± 1 nm
Flow pool volume	10 µL
Optical path	10 mm
Dynamic Drifting	≤ ± 2.5x 10 ⁻⁴ AU (Methanol, 1ml/min, 254nm)
Static Drifting	≤ ± 1 x 10 ⁻⁴ AU (Empty pool, Response time 1 s)
Qualitative repeatability	RSD ≤ 0.1%
Quantitative repeatability	RSD ≤ 0.5%
Dimensions	160H x 260W x 350 D. (mm)
Minimum detection concentration	≤ 1x10 ⁻⁸ g/mL (Naphthalene/Methanol Solution)