

HPLC SYSTEM

3201



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 assembly for quick solvent change

ACCESSORIES

- Rheodyne Injector 7725 i (USA)
- Micro Syringe
- Column C-18
- Software CD
- Filters



SPECIFICATIONS (PUMP)

✓ Flow Range	0.001 — 9.999 mL/min
✓ Delivery method	Double piston (Main & Auxiliary)
✓ Pump head	10m1 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 0.25% from 0.05 mL/min. to 4 mL/min. at 20 degrees C (Micro)
✓ Pmax	6000psi
✓ System connections	1/16" capillaries
✓ Dimensions	410mm x 180mm x270mm
✓ Weight	7.3kgs
✓ 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	190-700 nm
✓ Spectral bandwidth	6 nm
✓ Wavelength Accuracy	≤ ± 1 nm
✓ Wavelength Reproducibility	≤ ± 0.5 nm
✓ Flow pool volume	10 µ L
✓ Optical path	10 mm
✓ Dynamic Noise	≤ 2.5x10 ⁻⁵ AU (Methanol, 1ml/min, 254nm)
✓ Static Noise	≤ ± 1 <10 ⁻⁵ AU (Empty pool, Response time 1 s)
✓ Dynamic Drifting	≤ ± 2.5x 10 ⁻⁴ AU (Methanol, 11ml/min, 254nm)
✓ Static Drifting	≤ ± 1x 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)
✓ Weight.	6kg
✓ Minimum detection concentra-tion	≤ 1x √10 ⁻⁸ g/mL(Naphthalene/methanol solution)