

Order Code - 58020



### 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

### Technical Specifications (UV Detector)

Wavelength	190-700nm
Spectral bandwidth	6 nm
Wavelength Accuracy	≤±1 nm
Flow pool volume	10µl
Wavelength Reproducibility	≤± 0.5 nm
Optical path	10 mm
Dynamic Noise	≤±2.5×10 <sup>-5</sup> AU (Methanol,1ml/min,254nm, 20°C)
Static Noise	≤± 1×10 <sup>-5</sup> AU (Empty pool, Response time 1 s, 20 °C)
Dynamic Drifting	≤± 2.5×10 <sup>-4</sup> AU (Methanol, 1ml/min, 254nm, 20°C)
Static Drifting	≤± 1×10 <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 350 D, (mm)
Weight.	6kg
Operating Temperature	4-40°C
Minimum detection concentration	≤ 1 × 10 <sup>-8</sup> g / m L ( Naphthalene/methanol solution)
Linear range	≥10 <sup>4</sup>

Note: Specifications are subject to change.

### Tesca Technologies Pvt. Ltd.

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## Technical Specifications (PUMP)

Flow Range	0.001-0.999ml/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.
	0-0.0.90 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 deg C
	(Micro)
Pmax	6000psi
System Connections	1/16' capillaries
Dimensions	410mm x 180mm x 270mm
Weight	7.3kgs
Power Input	85 to 264 VAC, 47 to 63 Hz, 60 Watts
Display	320mm
Control	Stand alone mode using front panel

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