

HPLC System GBB-6200



PECIFICATIONS (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. 0-0.090 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

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

Rheodyne Injector 7725 I (USA)
Available at Extra Cost.

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 ⁻⁵ AU (Methanol, 1ml/min, 254nm, 20°C)
Static Noise	±1×10 ⁻⁵ AU (Empty pool, Response time 1 s, 20 °C)
Dynamic Drifting	±2.5×10 ⁻⁴ AU (Methanol, 1ml/min, 254nm, 20°C)
Static Drifting	±1×10 ⁻⁴ 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 ⁻⁸ g/mL (Naphthalene/methanol solution)
Linear range	≥104



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Perfection in
Laboratory Science

ISO 9001 : 2015
Certified Company

High-Performance Liquid Chromatography (HPLC) GBB-6300



SPECIFICATIONS

Wavelength	190-700 nm
Spectral bandwidth	6 nm
Wavelength Accuracy	$\leq \pm 1$ nm
Wavelength Reproducibility	$\leq \pm 0.1$ nm
Flow pool volume	8 μ L
Optical path	10 mm
Dynamic Noise	$\leq \pm 0.75 \times 10^{-5}$ AU (Methanol, 1ml/min, 254nm, 20°C)
Static Noise	$\leq \pm 0.5 \times 10^{-5}$ AU (Empty pool, Responsetime 1s, 20 °C)
Dynamic Drifting	$\leq \pm 1 \times 10^{-4}$ AU (Methanol, 1ml/min, 254nm, 20°C)
Static Drifting	$\leq \pm 0.5 \times 10^{-4}$ AU (Empty pool, Responsetime 1s, 20 °C)
Qualitative repeatability	RSD $\leq 0.1\%$
Quantitative repeatability	RSD $\leq 0.5\%$
Dimensions	130H x 260W x 420 D, (mm)
Weight.	11 kg
Flow Range	0.001-9.999 ml/min
Delivery method	Double piston (Main & Auxiliary)
Pump head	10ml SST/Peek analytical
Accuracy	$\pm 1\%$ or $\pm 2 \mu$ L/min, whichever is greater $\pm 1\%$ or $\pm 1 \mu$ L/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	0.1% RSD
Pmax	9999psi
System connections	1/16" capillaries
Dimensions	130 mm x 260 mm x 420 mm
Weight	11 kg
Power input	85 to 264 VAC, 47 to 63 Hz, 60 Watts
Display	300mm

High Pressure Solvent Delivery System

SALIENT FEATURES

- ✓ Improve the maximum limited pressure by precise transducer Accord with GMP/GLP, ISO9001, 21 CFR Part II with CDS (Software)
- ✓ Online Washing Device while analysis
- ✓ Self - priming pump head requires no manual priming
- ✓ Available with micro, analytical, semi-prep, and prep pump heads
- ✓ Programmable solvent compressibility compensation
- ✓ Easy maintenance and service for all wetted parts
- ✓ Unique pool structure ensures the accuracy and sensitivity of the instrument
- ✓ Easy maintenance and service for all wetted parts
- ✓ High-quality structure
- ✓ Long life deuterium lamp
- ✓ Easily replace
- ✓ Advanced design

Rheodyne Injector 7725 I (USA)
Available at Extra Cost.

STANDARD CONFIGURATION

Liquid Constant Flow Pump	2 set
UV-VIS Spectrophotometric Detector	1 set
System Controller	1 set
Mixer	1 set
Injector	1 set
Chromatography data system	1 set
Chromatography column	1 set



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