



Agilent 1260 Infinity Preparative Pump

Features, Specifications and Ordering Details



For isocratic and gradient separations

The Agilent 1260 Infinity Preparative Pump delivers a stable and reproducible flow at both low and high flow rates. By adding a second pump, a high-pressure gradient system can be assembled easily. The 1260 Infinity Preparative Pump is the core of the Agilent Preparative Scale Purification System suitable for semi-prep and preparative separations.

Features

- Robust pump dual piston design for flow rates up to 100 mL/min at 400 bar without changing pump heads.
- Easily upgradable from isocratic to gradient functionality.
- Precise high-pressure binary gradient formation with low delay volume for preparative, semi-preparative and analytical applications with flow rates as low as 2 mL/min.
- Extended seal lifetime with automated seal wash.
- Upper and lower pressure limits for increased safety in case of column blockage or leakage.
- Convenient system setup due to automated electromagnetic purge valve.



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Specifications – Agilent 1260 Infinity Preparative Pump

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Flow precision	<0.3 % RSD in range from 1 mL/min to 100 mL/min.
Hydraulic system	Dual pistons in parallel.
Flow range	Setpoints from 0.001 to 100 mL/min, in 0.001 mL/min increments. Recommended: 5-100 mL/min.
Pressure	Operating range 2–40 MPa (20–400 bar, 290-5880 psi) system pressure.
Gradient formation	High pressure using two combined pumps.
Delay volume	700 µL
pH range	1.0-12.5 recommended.

Ordering Details – Agilent 1260 Infinity Preparative Pump

Description	Product Number
Agilent 1260 Infinity Preparative Pump Includes preparative pump, solvent cabinet, solvent bottle 2 L, purge valve, 1-m CAN cable and seal wash with peristaltic pump.	G1361A
Agilent 1260 Infinity Preparative Pump gradient extension Includes preparative pump, gradient kit, solvent bottle 2 L, purge valve, 0.5-m CAN cable and seal wash with peristaltic pump.	G1391A
Tool kit for 1260/1290 LC	G1361A#001

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