



# 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

Agilent 1260 Infinity Preparative Pump	
<b>Flow precision</b>	<0.3 % RSD in range from 1 mL/min to 100 mL/min.
<b>Hydraulic system</b>	Dual pistons in parallel.
<b>Flow range</b>	Setpoints from 0.001 to 100 mL/min, in 0.001 mL/min increments. Recommended: 5-100 mL/min.
<b>Pressure</b>	Operating range 2–40 MPa (20–400 bar, 290-5880 psi) system pressure.
<b>Gradient formation</b>	High pressure using two combined pumps.
<b>Delay volume</b>	700 µL
<b>pH range</b>	1.0-12.5 recommended.

## Ordering Details – Agilent 1260 Infinity Preparative Pump

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

[www.agilent.com/chem/1200](http://www.agilent.com/chem/1200)

© Agilent Technologies, Inc., 2010  
Published in USA, July 1, 2010  
Publication Number 5990-6100EN



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