

puriFlash® 5.125

Carry out complex purifications with confidence

Optimized for your preparative purifications



Flash & Go



Load & Go



Boost & Go



Flow rate
250 ml/min



Max. pressure
125 bar

Components

Control unit
Pump
UV detector
Fraction collector
Solvent tank
1 integrated column support
1 integrated dry load mount

Pump

Flow rate : 250 mL/min
Optimum flow rate for columns up to 80 mm internal diameter
Max. pressure: 125 bar
Quaternary gradient valve
Air vent
Wash discs
Wash pump for water circulation to prevent crystalline deposits on the pump pistons (included in the PWD pack)
Solvent heater (under development)

Injection

Injection mode: liquid or solid
"Load & Go" technology: with automatic 6-way valve that allows the use of staggered dry load or a loop for a more efficient injection
RFID technology: automatic detection of the dry load and the injection loop
Stainless steel injection loop 2 mL

Detection

UV detector 200-400 nm
UV detector 200-800 nm (included in the UVextended pack)
"DAD" technology
Multi-wavelength and scan over a band of 200 nm (or 600 nm with the UVextended pack)
Spectral visualization and confirmation of purity
0.3 mm optical path cell
Integrated ELSD detector (included in the iELSD pack)

Compatibility of columns and support

Normal phase (NP)
Particle sizes: 5 µm, 10 µm, 15 µm, 25 µm, 30 µm, 50 µm
Reverse phase (RP)
Particle sizes: 10 µm, 15 µm, 25 µm, 30 µm, 50 µm
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Compatibility of columns and support

Format: all Flash & prep columns up to an internal diameter of 90 mm are compatible

1 integrated column support

RFID technology: automatic detection of the columns during insertion

Fraction collector

Content:

- 3 racks
- 132 tubes (18 x 150 mm)

Technology:

- Drainage system for the fraction collector
 - Automatic cleaning of the fraction collector needle (to avoid cross-contamination with the previous purification)
 - RFID technology: automatic detection of the racks installed in the collector
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Proposed racks

Delivery includes 3 selected racks from the list below:

- Rack for tubes:
13 x 73 mm | 13 x 100 mm | 16 x 150 mm
18 x 150 mm | 21 x 150 mm | 25 x 150 mm
28 x 150 mm | 29,5 x 200 mm
- Rack for Schott laboratory bottles 250 mL
- Rack for funnels

Position of the numbered tubes (to facilitate identification of the tubes)

Software and control unit

Controlled by InterSoftX® software

Remote control

15" touchscreen

8 USB ports

"Flash & Go" technology: compatible with our smartphone app TLC to Flash & Prep

System optimization

Tubes with 1.6 mm internal diameter

Optical path length detection cell: 0.3 mm / 40 µL

Safety

Level detector for solvents

Retention tank for solvents on the pump and valves with leak detectors (pump, UV detector, valves and collector)

Collector with drainage system

"Fume Encloser" technology (allows use of the purification system without the extractor hood)

Communication

Network cable RJ45

Communication cable Sub-D9 male/female

Communication cable Sub-D9 female/female

8 USB ports

Dimensions

