



puriFlash[®] 5.020 5X

Boost the productivity
of your entire laboratory

Optimized for your Ultra Performance Flash Purification



Components

Control unit
Pump
UV detector
Fraction collector
Solvent tank
5 integrated column supports

Pump

Flow rate : 300 mL/min
Optimum flow rate for columns up to 90 mm internal diameter
Max. pressure : 20 bar
Quaternary gradient valve
Air vent
Solvent heater (under development)

Injection

Injection mode: liquid or solid
"Load & Go" technology: with automatic 6-way valve which allows the use of a loop for an even more efficient injection
RFID technology: automatic detection of the injection loop
Injection loop 2 ml of stainless steel

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)

Column and support compatibility

Normal phase (NP)
Particle sizes: 15 µm, 25 µm, 30 µm, 50 µm
Reverse phase (RP)
Particle sizes: 30 µm, 50 µm

Format: All Flash columns up to an internal diameter of 90 mm are compatible

5 integrated column supports
RFID technology: automatic detection of the columns during insertion

Fraction collector

Capacity:

- 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 on the collector

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 tubes)

Software & control unit

Controlled by InterSoft® X 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 valve 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

