



puriFlash® 5.007

Proven reliability & robustness

Optimized for your purifications on a grand scale



Flash
& Go



Boost
& Go



Flow rate
750 ml/min



Max. pressure
7 bar

Components

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

Pump

Flow rate: 750 mL/min
Optimum flow rate for columns up to 145 mm internal diameter
Max. pressure: 7 bar
Quaternary gradient valve
Wash discs
Solvent heater

Injection

Injection mode: liquid or solid
RFID technology: automatic detection of dry load

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

Column and support compatibility

Normal phase(NP)
Particle sizes: 40 µm, 50 µm
Reverse phase (RP)
Particle sizes: 50 µm

Format: all Flash columns up to an internal diameter of 145 mm are compatible

1 integrated column support
RFID technology: automatic detection of the columns during insertion



MD Scientific is an authorized distributor in Denmark
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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: automatic detection of the racks installed in 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 of 2.4 mm internal diameter

Optical path length detection cell: 0.3 mm / 80 µL

Safety

Level detector for solvents

Retention tank for solvents on the pump, dry load support and detectors (with leak detectors)

Collector with drainage system

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

Communication

Network cable RJ45

Communication cable Sub-D9 male/female

Communication cable Sub-D9 female/female

8 USB ports

Dimensions

