



puriFlash[®] 5.125P

The specialist for peptides and oligonucleotides

Optimized for your Flash and preparative purifications of complex mixtures of peptides and oligonucleotides.



Load & Go



Boost & Go



RFID



Flow rate
250 mL/min



Max. pressure
125 bar

Components

Control unit
Pump
UV detector
Fraction collector
Solvent tank
2 integrated column supports
2 integrated dry load mounts

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 bleed
Wash discs and wash pump (circulates water to prevent crystalline deposits on the pump pistons)
Solvent heater (under development)

Injection

Injection mode: liquid or solid
"Load & Go" technology: with automatic 10-way valve that allows the use of staggered dry load or loops for a more efficient injection
"RFID Technology": automatic detection of dry loads and injection loops
2 mL and 5 mL stainless steel injection loops

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
1.3 mm optical path cell
Integrated ELSD detector (included in the iELSD pack)

Compatibility of columns & support

Particle sizes: 10 µm, 15 µm, 25 µm, 30 µm, 50 µm
Format: All Flash and preparative columns up to an internal diameter of 80 mm (3") are compatible
2 integrated column supports (up to 3 column supports with the Multi pack)
"RFID" technology: Automatic detection of the columns during insertion

Fraction collector	<p>Content:</p> <ul style="list-style-type: none"> • 3 racks • 132 tubes (18 x 150 mm) <p>Technology:</p> <ul style="list-style-type: none"> • Drainage system for the fraction collector • Automatic cleaning of the fraction collector (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	<p>Delivery includes 3 selected racks from the list below:</p> <ul style="list-style-type: none"> • 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 <p>Position of the numbered tubes (to facilitate identification of the tubes)</p>
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Software & control unit	<p>Controlled by InterSoft® X software</p> <p>Remote control</p> <p>15" touchscreen</p> <p>8 USB ports</p>
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System optimization	<p>Test tubes 1.00 mm inside diameter</p> <p>Optical path length detection cell: 1.3 mm/55 µL</p>
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Safety	<p>Level detector for solvents</p> <p>Retention tank for solvents on the pump and valves with leak detector (pump, UV detector, valves and collector)</p> <p>Collector with drainage system</p> <p>"Fume Encloser" technology (allows the use of the cleaning system without extractor hood)</p>
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Communication	<p>Network cable RJ45</p> <p>Communication cable Sub-D9 male/female</p> <p>Communication cable Sub-D9 female/female</p> <p>8 USB ports</p>
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Dimensions

