



puriFlash[®] XS 520 Plus

Small but mighty

Optimized for your routine Flash purification



Components

Control unit
 Pump
 UV detector
 Fraction collector
 Solvent container
 Integrated column support
 Stainless steel needle with connection (54 mm)

Pump

Flow rate: 300 mL/min
 Optimal flow rate for columns up to 800 G in size
 Max. pressure: 20 bar
 Quaternary gradient valve
 Air vent
 Solvent container with drainage system

Injection

Injection mode: liquid or solid
 Dry load with column compensation

"Load & GO" technology: staggered dry load for even more efficient injections automated via a 4-way electric valve (included in the Ultra Pack)

Detection

UV detector 200-400 nm
 UV detector 200-800 nm (included in the Ultra Pack or in the UVextended pack)

"DAD" technology
 Multi-wavelength and scan across a 600 nm band
 Spectral visualization and confirmation of purity
 0.3 mm cell for optical path length

Compatibility of columns & bracket

Particle sizes: 15 µm, 25 µm, 30 µm, 50 µm
 Size:

- Preparative with internal diameter up to 80 mm (3")
- Flash from 4G to 800G

 Column support: integrated

Fraction collector	<p>Content:</p> <ul style="list-style-type: none"> • 2 long racks • 112 test 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)
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Recommended racks	<p>Delivery includes a choice of 2 racks from list below:</p> <ul style="list-style-type: none"> • Rack for test 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 bottles 250 mL
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Software & control unit	<p>Control via InterSoft X software</p> <p>Remote control</p> <p>Touchscreen 15"</p> <p>4 USB ports</p> <p>"Flash & GO" technology: compatible with our TLC to Flash & Prep smartphone app</p>
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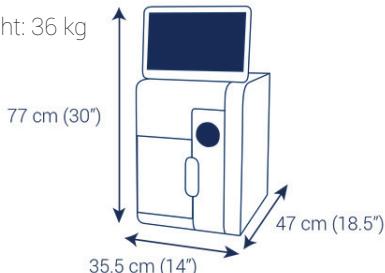

System optimization	<p>Tube inside diameter 1.6 mm</p> <p>Detection cell for optical path length: 0.3 mm/40 µL</p>
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Safety	<p>Collector with drainage system</p> <p>«Fume Encloser» technology (allows the use of the purification system without a hood).</p>
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Accessory set	<p>PEEK needle</p> <p>Luer-lock adaptor ETFE, male to ¼-28</p> <p>Schott laboratory bottle 250 mL</p> <p>Adaptor for Schott laboratory bottle 250 mL</p> <p>TYGON tubing with T-piece for the drainage system</p> <p>PEEK hose with fitting for pressure test</p> <p>ETFE hose connects the outlet of the 4-way injection valve (port no. 2) to the inlet of the 4-way injection valve (port no. 1) (included in the Ultra Pack)</p> <p>Cable protection made of metal</p> <p>UV cell for testing</p> <p>Mouse</p> <p>Stylus with bracket</p> <p>Power cable (design adapted to the country of destination)</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>
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Feed	110 V or 220 V
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Dimensions & Poids	<p>Weight: 36 kg</p> 	 <p>MD Scientific is an authorized distributor in Denmark www.md-scientific.dk - +45 7027 8565</p>
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