

Minisart® SRP Units with a Clean and Chemically Inert PTFE Membrane



Ready-to-use units for simple, rapid and reliable ultracleaning of small-volume samples for the HPLC or GC analysis, which require an even more chemical resistant unit than Minisart RC, e.g. for solvents such as acetone, dimethylformamide and DMSO, or for aggressive aqueous liquids.

Minisart SRP4 is recommended for sample volumes of up to about 1 ml, Minisart SRP15 for up to about 5 ml and Minisart SRP 25 for up to 100 ml.

Specifications for Minisart SRP4, SRP15 and SRP25

Connectors	Female luer lock inlet, luer slip outlet (Minisart-SRP15 is also available with a small spike outlet)
Bubble point	With isopropanol, 0.9 bar (0.45 μm) or 1.4 bar (0.2 μm)
Flow rate for ethanol at $\Delta p = 1$ bar (100 kPa, 14.5 psi), Minisart SRP4 Minisart SRP15 Minisart SRP25	2.0 ml/min (0.45 μm)/3 bar 45 ml/min (0.45 μm), 20 ml/min (0.2 μm) 130 ml/min (0.45 μm), 70 ml/min (0.2 μm)
Flow rate for methanol at $\Delta p = 1$ bar (100 kPa, 14.5 psi), Minisart SRP4 Minisart SRP15 Minisart SRP25	4.5 ml/min (0.45 μm) 150 ml/min (0.45 μm), 55 ml/min (0.2 μm) 260 ml/min (0.45 μm), 160 ml/min (0.2 μm)
Flow rate for air at $\Delta p = 1$ bar (100 kPa, 14.5 psi), Minisart SRP4 Minisart SRP15 Minisart SRP25	0.06 l/min (0.45 μm) 1.1 l/min (0.45 μm), 0.5 l/min (0.2 μm) 1.8 l/min (0.45 μm), 1.2 l/min (0.2 μm)
Filter diameter	4 mm (SRP4), 15 mm (SRP15), 25 mm (SRP25)
Filter area	0.07 cm ² (SRP4), 1.7 cm ² (SRP15), 4.8 cm ² (SRP25)
Housing burst pressure	6 bar (600 kPa, 87 psi) and higher
Materials	Polypropylene (housing), Polypropylene-reinforced PTFE (membrane filter)
Max. temperature	121°C, 30 min (autoclave)
Pore size	0.45 μm or 0.2 μm (Minisart-SRP4, only 0.45 μm)
Hold-up volume	1 μl (SRP4), 10 μl (SRP15), 100 μl (SRP25)
Water penetration point	3.0 bar (0.45 μm) or 4.0 bar (0.2 μm)



Order numbers for Minisart SRP4

17820 K	With 0.45 µm membrane, pack of 50
17820 Q	With 0.45 µm membrane, pack of 500



Order numbers for Minisart SRP15 with spike outlet

17558 K	With 0.2 µm membrane, pack of 50
17558 Q	With 0.2 µm membrane, pack of 500
17559 K	With 0.45 µm membrane, pack of 50
17559 Q	With 0.45 µm membrane, pack of 500



Order numbers for Minisart SRP15 with luer outlet

17573 K	With 0.2 µm membrane, pack of 50
17573 ACK	With 0.2 µm membrane, pack of 50, sterile, individually packed
17573 Q	With 0.2 µm membrane, pack of 500
17574 K	With 0.45 µm membrane, pack of 50
17574 Q	With 0.45 µm membrane, pack of 500



Order numbers for Minisart SRP25

17575 K	With 0.2 µm membrane, pack of 50
17575 ACK	With 0.2 µm membrane, pack of 50, sterile, individually packed
17575 Q	With 0.2 µm membrane, pack of 500
17576 K	With 0.45 µm membrane, pack of 50
17576 Q	With 0.45 µm membrane, pack of 500