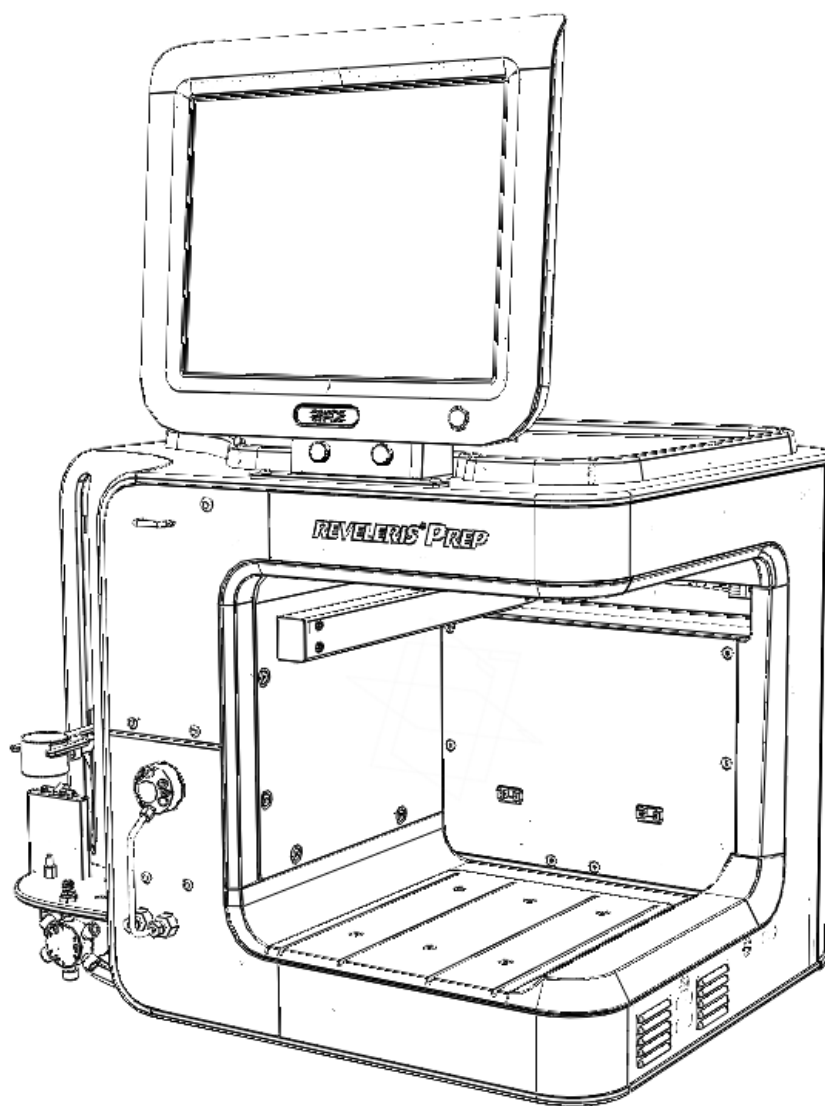




Reveleris® Prep Purification System

Technical data sheet



Scope of delivery

Components	Qty
Flash Solvent Tubing Assembly	1
Flash Waste Tubing Assembly	1
Sample Bypass, 1 pc	1
Column Bypass, 1 pc	1
Flash Touch-Screen Stylus, 1 pc	1
Adjustable Solid Loader Plunger 3 gram, 1 pc	1
Filled Solid Loader 3 gram, 1 pc	1
1/8" Antistatic Tubing 6 ft	1
Corrugated Tubing Assembly 20 ft	1
Fraction Collector Tray (60 positions, 18x150mm tubes), 2 pcs	1
Flash Solvent 38-430 Bottle Caps, 5pcs	1
Flash Solvent GL-45 Bottle Caps, 5pcs	1
Power Cord, 1 pc	1
Flangeless Fitting for 1/8" Tubing, 5 pcs	1
1/8" Flangeless Ferrule and SS ring, 5 pcs	1
Flangeless Fitting for 3/16" Solvent Tubing, 4 pcs	1
3/16" Flangeless Ferrule, 4 pcs	1
1/8" PTFE Tubing 10 ft	1
5mL Sample Loop, 1 pc	1
Prep Bypass Tubing, 1 pc	1
1/8" x .085" Stainless Steel tubing, 3 ft	2
1/8" x .085" Stainless Steel tubing, 5ft	2
1/16" x 0.04" Stainless Steel tubing, 3ft	2
1/16" x 0.04" Stainless Steel tubing, 5 ft	2
1/16" x 0.03"ID PTFE tubing (Prep Sample Waste line), 3 ft	3
One piece 1/16" PEEK Hex fitting, 1 pc	1
1/8" SS Fitting for 1/4-28 port (for prep injection valve with 1/8" OD tubing), 1 pc	4
1/8" SS Ferrules for 1/4-28 port (for prep injection valve with 1/8" OD tubing), 1 pc	8
1/8" SS fitting for 5/16-24 port (for bulkhead and column with 1/8" OD tubing), 1 pc	8

Components	Qty
1/8" SS ferrules for 5/16-24 port (for bulkhead and column with 1/8" OD tubing), 1 pc	12
1/16" SS fitting (for column with 10-32 port) 12 pcs	1
1/16" SS ferrules (for column with 1/16" OD 16ft tubing), 12 pcs	1
1/8" to 1/16" Tube Reducer for 5/16-24 port (for bulkhead), 1 pc	1
1/8" to 1/16" Tube Reducer for 1/4-28 port (for valve), 1 pc	2
Female Luer Adapter for 1/4-28 port, 1 pc	2
1/8" Flangeless Ferrule, 1 pc	2
3/8-7/16" Wrench (for 1/8" tubing), 1 pc	1
1/4-5/16" Wrench (for 1/16" tubing), 1 pc	1
1/8" Ball Driver x 3 1/8" Long, 1 pc	1
3/32" Ball Driver x 5 1/4" Long, 1 pc	1
Fitting Tool, 1 pc	1
5 Amp Fuse, 1 pc	2
10 Amp Fuse, 1 pc	2

Order code

1 4 5 1 7 2 8 6 2 Reveleris® Prep Purification System

Technical data

Display	Windows® based graphical LCD touchscreen with full on-screen QWERTY keyboard
Data Entry	Touchscreen or USB connection to mouse/keyboard
Solvent Delivery System	High pressure HPLC pumps, 4 independent channels with up to four solvents in a single run, auto-switches lines when solvent depletes, normal phase and reversed phase compatible
Pump Flow Rate	1 - 200 mL/min (accuracy +/- 3 %, precision +/- 0.5 % in the range 4 - 200 mL/min)
Maximum Pressure	1700 psi (120 bar, depending on flow rate)

Gradients	Linear, step, isocratic. 4 solvent binary.
Sample Injection	Liquid injection via 6-port loop injection valve (partial or full loop filling), 5mL loop
Sample Loader	Self filled solid-pre-column
Detector Sensitivity	Selectable sensitivity control high or low based on concentration of target compound
UV Wavelength Range	200-500 nm; up to 3 signals. Optional extension to visible wavelengths, UV-Vis 200-850 nm
Flash Cartridge / Prep HPLC Columns Sizes	Flash cartridge: 4-330 g luer type; up to 1500 g with adapter HPLC Column: 10 mm to 75 mm ID
Peak detection	Combination of up to 3 UV signals plus ELSD with slope and/or threshold detection
Fraction Collection	Holds two racks, with automatic rack recognition
Power Options	120/240 V, 50/60 Hz, 10 A
Dimensions (W x H x D)	16.75" x 21.5" x 20.5" (42.5 cm x 54.6 cm x 52.1 cm)
Instrument Weight	92 lbs (41.73 kg)

Accessories

Fraction Collection Racks	Qty.	Order number
Racks for 12 x 75 mm tubes	2	145148872
Racks for 13 x 100 mm tubes	2	145148874
Racks for 16 x 150 mm tubes	2	145148875
Racks for 18 x 150 mm tubes	2	145148885
Racks for 25 x 150mm tubes	2	145148886
Rack for 480 mL Square Bottles	1	145148873

Fraction Tubes	Qty.	Order number
12 x 75 mm	1000	148623413
13 x 100 mm	1000	148623414
16 x 150 mm	1000	148623416
18 x 150 mm	1000	148623410
25 x 150 mm	500	148623411
480 mL Square Bottles	24	148623412

Solid Loaders	Qty.	Order number
Empty Solid Loaders		
Empty tube / frits 3 g	100	145142050
Empty tube / frits 15 g	100	145142051
Empty tube / frits 40 g	50	145147808
Filled Solid Loaders		
Silica filled tube / frits 3 g	20	145152371
Silica filled tube / frits 15 g	16	145142034
Silica filled tube / frits 40 g	12	145147772
Adjustable Solid Loader Plungers		
Adjustable Plunger / Sleeve 3 g	1	145167302
Adjustable Plunger / Sleeve 15 g	1	145168541
Adjustable Plunger / Sleeve 40 g	1	145168534
Frit Insertion Rod 3 g	1	145162931
Frit Insertion Rod 15 g	1	145162902
Frit Insertion Rod 40 g	1	145162901
Software options		
Reveleris® UV-Vis upgrade	1	145167301