

EVOLVE™

Pilot/Process Column Accessories Guide



essentialLife Solutions
for preparative chromatography

Evolve™ Process Column Accessories

Below is a list of the accessories available for the Evolve™ Column range, which support column use and eliminate the risk of air damaging the packed column. All components are lightweight, non-metallic and therefore fully compatible with the Evolve™ Columns but can also be used with any other Bioprocess column using TC25mm connections.

Product Code	Kit Description
ELS-AA07CRK	P70 COLUMN RENEWAL KIT
ELS-AA10CRK	P100 COLUMN RENEWAL KIT
ELS-AA14CRK	P140 COLUMN RENEWAL KIT
ELS-AA20CRK	P200 COLUMN RENEWAL KIT
ELS-AA25CRK	P250 COLUMN RENEWAL KIT
ELS-AAFCK1	FLUID CONNECTION KIT, 70 & 100 COLUMN
ELS-AAFCK2	FLUID CONNECTION KIT, 140 - 350 COLUMN
ELS-AABTK1	BUBBLE TRAP, 3MM, 70 TO 100MM COLUMN
ELS-AABTK2	BUBBLE TRAP, 6MM, 200 TO 350MM COLUMN
ELS-AABTK3	BUBBLE TRAP, 6MM, 140MM COLUMN
ELS-AACFR1	COLUMN FLOW REVERSAL KIT, 3MM
ELS-AACFR2	COLUMN FLOW REVERSAL KIT, 6MM
ELS-AACIK1	COLUMN ISOLATION KIT, 3MM, TOP
ELS-AACIK2	COLUMN ISOLATION KIT, 6MM, TOP
ELS-AACIK3	COLUMN ISOLATION KIT, 3MM, SIDE
ELS-AACIK4	COLUMN ISOLATION KIT, 6MM, SIDE
ELS-AA4P2W1	4 PORT 2-WAY VALVE KIT, 3MM
ELS-AA4P2W2	4 PORT 2-WAY VALVE KIT, 6MM
ELS-AACCS1	CLICK CLAMP AND LADISH SEALS, 3MM
ELS-AACCS2	CLICK CLAMP AND LADISH SEALS, 6MM
ELS-AAIFT1	TRI-CLAMP TO FEMALE 5/16" UNF CONNECTOR KIT
ELS-AAMFT1	TRI-CLAMP TO FEMALE M6 CONNECTOR KIT
ELS-AAIFT10	TRI-CLAMP TO FEMALE 5/16" UNF CONNECTORS (X10)
ELS-AAMFT10	TRI-CLAMP TO FEMALE M6 CONNECTORS (X10)
ELS-AAMPV1	SANITARY PINCH VALVES
ELS-AARAE2	PIPEWORK 90° ELBOW, 6MM
ELS-AAETP1	PIPEWORK TEE PIECE, 3MM
ELS-AAETP2	PIPEWORK TEE PIECE, 6MM
ELS-ASBK01	ACCESSORY SUPPORT BRACKET (3MM)
ELS-ASBK02	ACCESSORY SUPPORT BRACKET (6MM)

Refresh Kit [ELS-AA.....CRK]



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|--------------------------------|-----------------------------------|
| 1. Acrylic Tube | 9. Sanitary Clamp Adaptor |
| 2. Scale Label | 10. Bottom Flow Tube |
| 3. Adjuster Flow Tube | 11. Adjuster Bed Support Assembly |
| 4. Antijets (2x) | 12. Bottom Bed Support Assembly |
| 5. Flow Tube Seals (3x) | 13. Top and Bottom Buffer Seals |
| 6. Pipespool Elbow | 14. Adjuster Flow Cell |
| 7. Flow Tube Seal, Ladish (3x) | 15. Bottom Flow Cell (Fixed Cell) |
| 8. Adjuster Seal | |

Fluid Connection Kit [ELS-AAFCK1 & 2]



- Sanitary Pinch Valve, 2-way (x2)
- Click Clamp (x10)
- Flow Tube Seal, Ladish (x10)
- Flexible Hose (x2)
- Tee (x2)
- Blanking cap (x2)

Bubble Trap Kit [ELS-AABTK1]



- Bubble Trap
- Tee
- Sanitary Pinch Valve, 2-way
- Flexible Hose (x2)
- Valve, 4 port, 2-way, 3mm
- Blanking cap (x2)
- Flow tube Seal, Ladish (x10)
- Click Clamp (x10)

Bubble Trap Kit [ELS-AABTK2 &3]



- Bubble Trap
- Tee
- Sanitary Pinch Valve, 2-way
- Flexible Hose (x2)
- Valve, 4 port, 2-way, 3mm
- Blanking cap (x2)
- Flow tube Seal, Ladish (x10)
- Click Clamp (x10)

Column Flow Reversal Kit [ELS-AAFR1]



- Flexible Hose 1.2m
- Flexible Hose 0.75m (x2)
- Valve manifold bracket
- Valve, 4 port, 2-way, 3mm (x2)
- Blanking cap (x2)
- Flow tube Seal, Ladish (x10)
- Click Clamp (x10)

Column Flow Reversal Kit [ELS-AAFR2]



- Flexible Hose 1.2m
- Flexible Hose 0.75m (x2)
- Valve manifold bracket
- Valve, 4 port, 2-way, 6mm (x2)
- Blanking cap (x2)
- Flow tube Seal, Ladish (x10)
- Click Clamp (x10)

Column Isolation Kit [ELS-AACIK1 & 3]



- Flexible Hose 1.85m
- Flexible Hose 1.2m
- Valve Manifold Bracket or Accessory Bracket
- Valve, 4 port, 2-way, 3mm
- Blanking cap (x2)
- Flow tube Seal, Ladish (x5)
- Click Clamp (x5)

Column Isolation Kit, [ELS-AACIK2 & 4]



- Flexible Hose 1.85m
- Flexible Hose 1.2m
- Valve Manifold Bracket or Accessory Bracket
- Valve, 4 port, 2-way, 6mm
- Blanking cap (x2)
- Flow tube Seal, Ladish (x5)
- Click Clamp (x5)

4 Port 2-way Valve Kit, 3mm [ELS-AA4P2W1]



- Valve, 4 port, 2-way, 3mm
- Blanking cap (x4)
- Flow tube Seal, Ladish (x4)
- Click Clamp (x4)

4 Port 2-way Valve Kit, 6mm [ELS-AA4P2W2]



- Valve, 4 port, 2-way, 6mm
- Blanking cap (x4)
- Flow tube Seal, Ladish (x4)
- Click Clamp (x4)

Click Clamp and Ladish Seals, 3mm [ELS-AACCS1]



- Flow tube Seal, Ladish (x10)
- Click Clamp (x10)

Click Clamp and Ladish Seals, 6mm [ELS-AACCS2]



- Flow tube Seal, Ladish (x10)
- Click Clamp (x10)

Tri-clamp to Female 5/16" UNF Connector kit, 3mm [ELS-AAIFT1]



- Tri-clamp to female 5/16" UNF (x2)
- Flow tube Seal, Ladish (x2)
- Click Clamp (x2)
- Blanking Cap (x2)

Tri-clamp to Female 5/16" UNF Connectors (x10), 3mm [ELS-AAIFT10]



- Tri-clamp to female 5/16" UNF (x10)

Tri-clamp to Female M6 Connector kit, 3mm [ELS-AAMFT1]



- Tri-clamp to female M6 (x2)
- Flow tube Seal, Ladish (x2)
- Click Clamp (x2)
- Blanking Cap (x2)

Tri-clamp to Female M6 Connectors kit, 3mm, x10 [ELS-AAMFT10]



- Tri-clamp to female M6 (x10)

Sanitary Pinch Valve [ELS-AAMPV1]



- Tri-clamp to female 5/16" UNF (x2)
- Pinch Valve (x2)

Pipework 90° Elbow kit 6mm [ELS-AARAE2]



- 6mm Elbow (x2)

Pipework Tee Piece 3mm [ELS-AAETP1]



- 3mm Tee Piece (x2)

Pipework Tee Piece 6mm [ELS-AAETP2]



- 6mm Tee Piece (x2)

Accessory Support Bracket [ELS-ASBK01/02]



LIMITED WARRANTY

Essential Life Solutions offers a one-year limited guarantee on these columns covering defects in material and workmanship if used under conditions detailed in the instruction manual provided with the column. This guarantee does not include frits, O-Rings and glass tube.

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