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CETAC TECHNOLOGIES
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ASXPRESS® PLUS

Rapid Sample Introduction System



ACCESSORIES AND PARTS CATALOG

Catalog part number 620095 Rev 8, January 2023

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ASXPRESS Plus Rapid Sample Introduction System

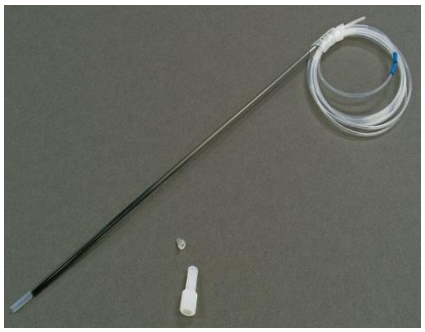


1 Year Consumable Kit - Aqueous SP7674

Contains a 6-port aqueous valve with all tubing and connections needed to replumb the system. Also includes a 1.0 mm ID sample probe, internal standard tee and a pack of 10 extra ferrules

1 Year Consumable Kit – Organic SP7675

Contains a 6-port organic valve with all tubing and connections needed to replumb the system. Also includes a filtered stainless-steel sample probe and a pack of 10 extra ferrules and 3 tees.

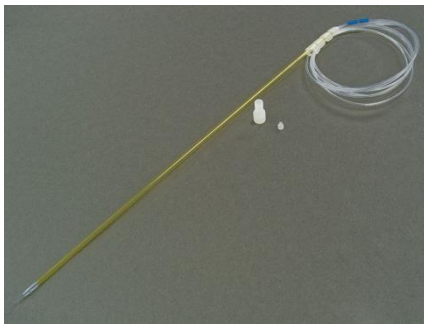


Sample Probe, Carbon Fiber, 1.0 mm SP6408C

Probe material: Carbon Fiber
Probe size: 1.0 mm ID x 24 cm (10 in) long

Tubing material: PFA
Tubing length: 1.9 m (75 in)

Flangeless Connector and 1 CTFE 1/16 in Ferrule
(Standard with *ASXPRESS PLUS*)



Sample Probe, Ultem, 1.0 mm SP6405

Probe material: Ultem (polyetherimide)
Probe size: 1.0 mm ID x 30.5 cm (12 in) long

Tubing material: PFA
Tubing length: 1.9 m (75 in)

Flangeless Connector and 1 CTFE 1/16 in Ferrule

(Optional with *ASXPRESS PLUS.* Probes made with Ultem brand polyetherimide resin are more flexible than the carbon fiber reinforced probes, and require the use of a Z-drive-mounted guide plate.)



Stainless Steel Sample probe with Filtered tip SP7604
(Used in Oil analysis)

Includes two 60” lengths of PFA tubing

- 0.5 mm ID for standard sample introduction
- 1.0 mm ID for rapid sample introduction

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SP6392

Large ID Sample Loops: 2.0 mm ID (Aqueous Only)

For use with the valve/pump module.
Tubing material: PTFE
Includes 2 connectors and 2 ferrules

Sample Loop Assy.—0.70mL	SP6415
Sample Loop Assy.—1.00mL	SP6384
Sample Loop Assy.—1.25mL	SP6385
Sample Loop Assy.—1.50mL	SP6386
Sample Loop Assy.—2.00mL	SP6387
Sample Loop Assy.—2.50mL	SP6388
Sample Loop Assy.—3.00mL	SP6389
Sample Loop Assy.—3.50mL	SP6390
Sample Loop Assy.—4.00mL	SP6391
Sample Loop Assy.—4.50mL	SP6392
Sample Loop Assy.—5.00mL	SP6393
Sample Loop Assy.—5.25mL	SP6394

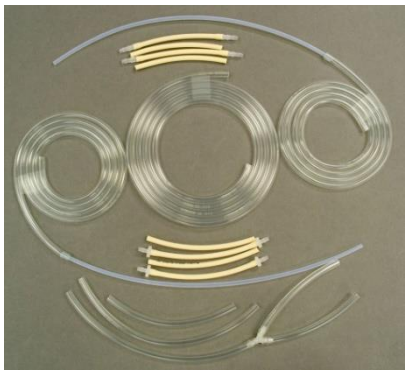


SP6607

Small ID Sample Loops – 1.0 mm ID

(Organics Only)
For use with the valve/pump module.
Tubing material: PFA
Includes 2 flangeless connectors

Sample Loop – SL 0.91 mL	SP6607
Sample Loop – SL 1.02 mL	SP6608
Sample Loop – SL 1.14 mL	SP6609
Sample Loop – SL 1.25 mL	SP6610
Sample Loop – SL 1.36 mL	SP6611
Sample Loop – SL 1.48 mL	SP6612
Sample Loop – SL 2.0 mL	SP6695
Sample Loop – SL 2.5 mL	SP6696
Sample Loop – SL 3.0 mL	SP6697



Rinse Tubing Kit SP6406

(Tygon/FEP/PharMed)

8 – peristaltic pump tubes – 10.2 cm (4 in) long – PharMed – with 4 straight and 4 90° barbed connectors
1 – Y connector assembly

Various lengths of FEP 2.4mm ID x 4mm OD (3/32 in x 5/32 in) and Tygon 3.2 mm ID (1/8 in) tubing

The contents of this kit are updated frequently and may differ from the photo shown here.

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Vacuum Pump Flow Restrictor Line

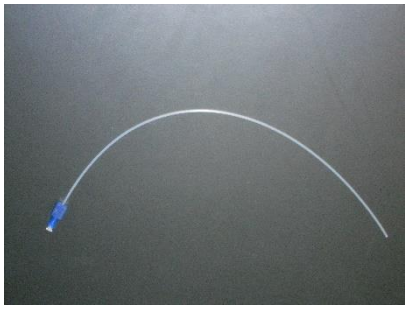
Aqueous Applications, Tygon tubing	SP6527
Oils Applications, Tygon Fuel and Lubricant tubing	SP6606



Carrier Solution Tee Assembly

Aqueous Applications	SP6528
Oils Applications	SP6674

Tubing material: PFA
Tubing length: 91.5 cm (36 in)
Tubing diameter: 0.8 mm ID x 1.6 mm OD (1/32 in x 1/16 in)
Includes barbed tee fitting and 1.6 mm (1/16 in) flangeless connector



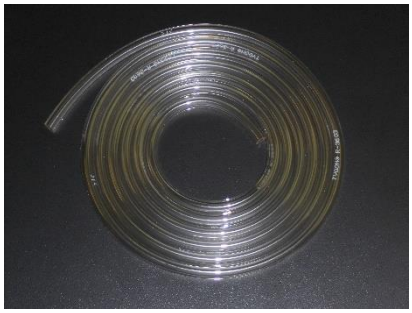
Nebulizer Line Assembly SP6675

Tubing material: PFA
Tubing length: 35.5 cm (14 in)
Tubing diameter: 0.8 mm ID x 1.6 mm OD (1/32 in x 1/16 in)
Includes 1.6 mm (1/16 in) flangeless connector (blue)



Spare Tubing Kit SP6684

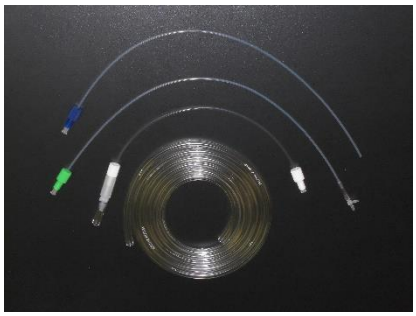
Tubing material: PFA
Tubing length: 3.05 m (10 ft)
Tubing diameter: 1.0mm ID



Spare Tubing

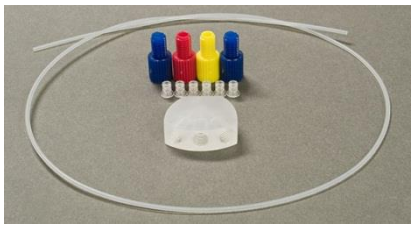
4.8 mm ID (3/16 in) Tygon, for oils, 3.05 m (10 ft)	SP6679
3.2 mm ID (1/8 in) Tygon FL, for oils, 3.05 m (10 ft)	SP6680

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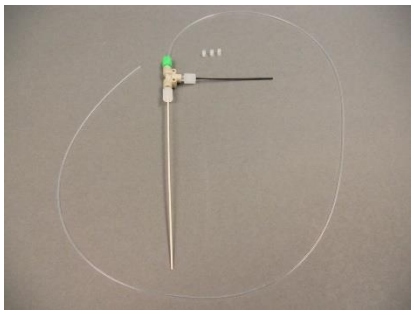
Valve Pump Tubing Kits

Aqueous	SP6676
Oils	SP6677



Internal Standard Addition Mixing Tee SP6686

Includes:
4 each – Connectors – CTFE
6 each – 1.6mm (1/16 in) CTFE ferrules
1 each – mixing tee – CTFE
61 cm (24 in) PFA tubing, 1.0 mm ID



Passive Bubbling Tee SP6688

Includes:
1 each – 1/4 -28 PEEK tee
1 each – 1/16 in Flangeless Connector (green)
2 each – 1/16 in Flangeless Connector (natural)
3 each – Ferrule, 1/16 in, CTFE
20 cm (8 in) PEEK Tubing, 1/16 in x 0.5 mm
10 cm (4 in) PEEK Tubing (blk), 1/16 in x 0.004 in (.1 mm)
91 cm (36 in) PFA Tubing, 1/16 in x 1.0 mm



Passive Bubbler Line SP6962

45.7 cm (18 in) 1/16 in O.D
0.1 mm ID PEEK

Includes Fitting and 4 Ferrules



Fitting Kit SP6571

Includes:
2 – green flangeless connectors – CTFE
2 – blue flangeless connectors - CTFE
2 – white flangeless connectors - CTFE
2 – natural flangeless connectors - CTFE
10 – 1.6 mm (1/16 in) CTFE ferrules
1 – 6.4 mm to 3.2 mm (¼-28 UNF to 1/8") barbed fitting - ETFE

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Ferrule Kit SP6683

10 each – 1.6 mm (1/16 in) CTFE ferrules



Y Connector Kit SP6625

3.2 mm (1/8 in) barbed connectors, Kynar PVDF

4 each



Tee Connector Kit SP6685

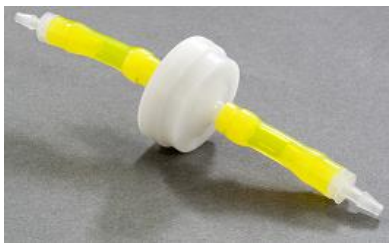
1.6 mm (1/16 in) barbed connectors

4 each



Nickel-Plated Tee Connector Kit SP7587

For *ASXpress PLUS* Oils, 3 each



Filter Assembly SP6658

75 µm (75 micron) filter used with the ASX-1400 diaphragm pump (SP6604)

PEEK body with Tygon Fuel & Lube tubing and 3.2 mm (1/8 in) barbed Kynar PVDF fittings
2 each



Check Valve Kit SP6659

Polypropylene body and Viton diaphragm

3.2 mm (1/8 in) barbed fittings
3 each



Carrier/Rinse Bottle SP6409

Capacity: 1 liter

Material: Polypropylene
3.2 mm (1/8 in) hole in cap

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ASXPRESS Plus Rapid Sample Introduction System



Xpress Rinse Station for ASX-500 Series Autosamplers SP5337

Material: polypropylene
Snaps into the rinse station holder on the Autosampler





Communication Cables

Full Cable Kit	SP6603
2 - Standard RS-232 serial cables, DB-9 2 - Standard USB A-B cables	
1 - Standard RS-232 Serial Cable, DB-9	SP5341
1 - Standard USB A-B Cable	SP6375



24-Volt Power Supply for *ASXPRESS PLUS* SP7654

Does not include power cord. See *Operator's Manual* for precautions.



Articulating Mounting System SP6572

Mounts to the *ASXPRESS PLUS* Valve/Pump Module to provide close proximity placement near difficult to reach nebulizers/spray chambers.



7-Port Valve for Aqueous Applications SP7588

Includes liquid uptake line for 7th port

PPS (Polyphenylene Sulphide) construction
0.060" (1.52 mm) ID ports

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6-Port Valve for Aqueous Applications SP6541

PPS (Polyphenylene Sulphide) construction
0.060” (1.52 mm) ID ports



6-Port Valve for Oils Applications SP6556

PPS (Polyphenylene Sulphide) construction
0.030” (0.76 mm) ID ports



External Diaphragm Pump SP6899

1-Channel diaphragm pump. Replaces SP6604 (2-channel diaphragm pump).

External, tabletop diaphragm rinse pump for use only with the *ASXPRESS PLUS* . Plugs into a connector on the *ASXPRESS PLUS* electronics module



Peristaltic Pump

2-Channel Pump SP6605



ASXpress Plus Control Board SP6786

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6-Port Valve Coupler SP6412



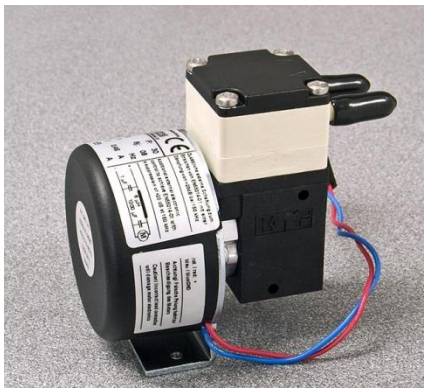
Valve Clamp Ring SP6614

For repair of the *ASXPRESS PLUS* Valve/Pump Module.



Valve/Pump Module Kit SP6687

Module only; Does not include valve.



Vacuum Pump SP6404

24 V
Use only for replacement of the vacuum pump in the *ASXPRESS PLUS* Valve/Pump Module.

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Ordering

To order, contact:

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www.teledynecetac.com

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For questions about service and repair, call us at the numbers above or e-mail
cetacservice@teledyne.com

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