TELEDYNE
CETAC TECHNOLOGIES
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ASX-280 AUTOSAMPLER



ACCESSORIES AND PARTS CATALOG

Catalog part number 620130 Rev 16, January 2023

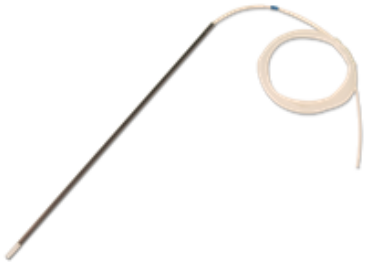
Accessories and Supplies



One Year Consumable Kit for ASX-280 SP7673

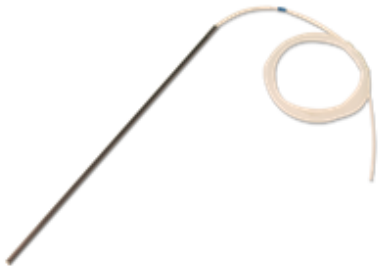
Kit Contains:

- 2 x Carbon Probe 0.5 mm
- 7 ft Tygon® equivalent rinse tubing
- 7 ft Tygon® equivalent waste tubing
- PharMed® equivalent peristaltic pump tubing
  - 4 x single-channel cartridges, 2mm
  - 2 x dual-channel cartridges, 2mm
- Probe mounting kit
  - 2 x Thumbscrews
  - 5 x O-rings
  - 2 x Probe clamps



Sample Probes
Length: 10 inches (25.4 cm)
Probe Material: FEP-covered carbon fiber
Capillary Material: PFA
Includes: Probe with attached sample tubing

ID (mm)	Band	Capillary Length	Part Number
0.3	Black	108 in (2.74 m)	SP5799C
0.5	Blue	108 in (2.74 m)	SP5800C
0.8	Red	108 in (2.74 m)	SP5796C
0.9	Yellow	70 in (1.78 m)	SP5950C
1.0	2 Blue	108 in (2.74 m)	SP6013C



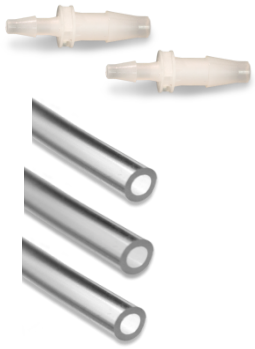
Drip Resistant Sample Probes
Length: 10 inches (25.4 cm)
Probe Material: Carbon fiber
Capillary Material: PFA
Includes: Probe with attached sample tubing

ID (mm)	Band	Capillary Length	Part Number
0.5	Blue	108 in (2.74 m)	SP5800N
0.8	Red	108 in (2.74 m)	SP5796N
1.0	2 Blue	108 in (2.74 m)	SP6013N

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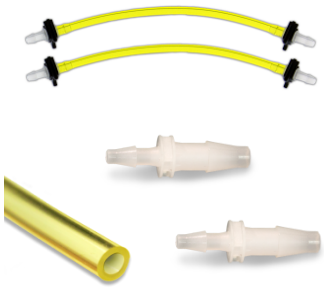
Thumbscrew and O-Ring Kit SP5919



Rinse/Drain Tubing Hookup Kit

Includes:
1/8” X 3/16” KYNAR® PVDF couplers (qty. 2)
72 in (1.8 m) of 3/16” (4.8 mm) ID tubing
72 in (2.1 m) of 1/8” (3.2 mm) ID tubing

Material	Typical Use	Part Number
Chemical Resistant Tygon® 2375	Aqueous	SP7473
Superthane®	Oils	SP7489
Tygon® FEP lined	Aqueous	SP8319



Organics Rinse/Drain Tubing Kit SP7488

Includes:
1/8” X 3/16” KYNAR® PVDF couplers (qty. 2)
72 in of 3/16” ID Tygon Fuel & Lube tubing
72 in of 1/8” ID Tygon Fuel & Lube tubing
Single Channel 2mm Tygon Fuel and Lube Peristaltic Pump Tubing (Qty 2)



Molded Rinse Station SP7457



Rinse Station SP5337

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Dual Rinse Upgrade Kit SP7532
(Includes Tygon® tubing kit for gravity drain and pumped drain configurations)



2-Channel Peristaltic Pump Tubing Cartridge
For use with pumps (see image on left) that use 2-channel tubing cartridges

Tubing material is equivalent to the listed brand name, but may be produced by other manufacturers.
The interior diameter (ID) of the tubing affects flow rate. A 2 mm tube on the rinse supply channel may be used with a 3 mm tube on the drain channel to ensure that the rinse station never overflows



ID (mm)	Tubing Color	Endplate Color	Part Number
Equivalent to PharMed® material. Applications: Pharmaceutical, Biological, and Food and Beverage			
2, 2	Tan	Black	SP7476
2, 3	Tan	Red	SP7477
3, 3	Tan	White	SP7478
Equivalent to Tygon® material. Applications: Laboratory Research, Food & Beverage, Biological, Pharmaceutical, Medical Device, Brewery, Consumer Products, Environmental, Raw Milk			
2, 2	Clear	Black	SP7479
2, 3	Clear	Red	SP7480
3, 3	Clear	White	SP7481
Equivalent to Tygon® Fuel and Lubricant material. Applications: Most fuels and industrial lubricants			
2, 2	Yellow	Black	SP7482
2, 3	Yellow	Red	SP7483
3, 3	Yellow	White	SP7484
Equivalent to Viton® material. Applications: Acids, Solvents, High Temperature			
2, 2	Black	Black	SP7485
2, 3	Black	Red	SP7486
3, 3	Black	White	SP7487

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Single Channel Peristaltic Pump Tubing Cartridges

For use with pumps (see image on left) that use single channel tubing cartridges

Tubing material is equivalent to the listed brand name but may be produced by other manufacturers.

The interior diameter (ID) of the tubing affects flow rate. A 2 mm tube on the rinse supply channel may be used with a 3 mm tube on the drain channel to ensure that the rinse station never overflows



ID (mm)	Tubing Color	End Plate Color	Part Number
Equivalent to PharMed® material. Applications: Pharmaceutical, Biological, and Food and Beverage			
2	Tan	Black	32-0781-054
3.2	Tan	White	32-0782-054
Equivalent to Viton® material. Applications: Acids, Solvents, Oils, High Temperature			
2	Black	Black	32-0787-054
3.2	Black	White	32-0788-054
Equivalent to Tygon® material. Applications: Laboratory Research, Food & Beverage, Biological, Pharmaceutical, Medical Device, Brewery, Consumer Products, Environmental, Raw Milk			
2	Clear	Black	32-0783-054
3.2	Clear	White	32-0784-054
Equivalent to Tygon® Fuel and Lubricant material. Applications: Most fuels and industrial lubricants			
2	Yellow	Black	32-0785-054
3.2	Yellow	White	32-0786-054



Sample Racks

Vials	Opening	Vial Compatibility	Part Number
90	13.3 mm Round	8 mL round bottom or 7 mL flat bottom	450362
90	13.5 mm Square	8 mL round bottom or 7 mL flat bottom	450055
60	17.0 mm Square	14 mL or 15 mL	450056
40	20.6 mm Square	20 mL	450057
24	25.2 mm Square	30 mL	450058
21	30.5 mm Square	50 mL	450059

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Standards Vials

Material for all vials is polypropylene

Vol	Size (mm)	# per kit	Part Number
50 mL	30mm x 115mm	500	SP5178C
		100	SP5178J



Sample Vials

Material for all vials is polypropylene

Vol	Size (mm)	# per kit	Part Number
7 mL	13mm x 82mm (Flat bottom with cap)	1000 250	SP5178A SP5178E
8 mL	13mm x 100mm (Round bottom without cap)	1000 250	SP5178K SP5178L
14 mL	16mm x 100mm	1000 250	SP5178B SP5178F
15 mL	17mm x 100mm	1000 250	SP5178M SP5178N
20 mL	21.5mm x 100mm	500 100	SP5178G SP5178I
30 mL	25mm x 95mm	500	SP5178H
50 mL	30mm x 115mm	500 100	SP5178C SP5178J



Tray Assembly with 10 Standards Positions SP7521



Spill Tray for Flat Bottom Flasks SP7569

10 Standards Positions

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	**250mL Adapter plate** Allows the use of 250mL bottles	SP7639
	**Bottle – 250mL (5 per kit)**	SP5228
	**Waste Bottle – 1 Liter**	SP8322
	Waste Bottle – 2 Liter	SP5510
	Waste Bottle – 15 Liter Carboy with Handles	SP8320
	USB Cable (3 Meters)	SP6375

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RS-232 interface cable (3 Meters)
(Female/Female)

SP7441



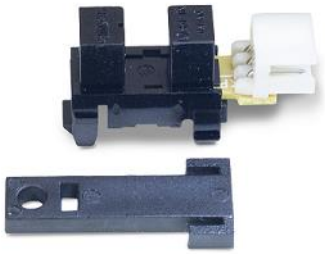
Power Cords

Where Used	Description	Part Number
USA,Canada,Japan,Mexico	Type B NEMA 5-15 IEC 60906-2 100-127 V	SP5003
Europe, Russia	Type F CEE 7/7 220-240 V	SP5004
UK, Ireland	Type G BS 1363 220-240 V	SP5005

Repair Parts

	Main Board	SP7452
	I/O board With Gender Changer	SP7530
	Z-Axis Drive Assembly Includes: Crash block with mounting kit and adhesive	SP7437
	**Z-Axis Tubing Replacement Kit (PEEK Anti-Kink)**	SP7174
	Y-Axis Home Flag without Probe Guide Used for most applications	SP7459

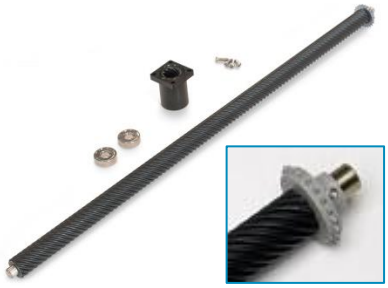
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	Y-Axis Home Flag with Probe Guide	SP7458
	X, Y, Z Sensor	32-0967-044
	USB Port	SP7475
	24-Volt Power Supply	SP7654
	Z-Drive Cable Attachment Kit	SP7651
	Z-Drive Cable Attachment Kit for Z-drives with molded rotor/stator	SP7662

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	Z-Axis Stepper Motor	SP7447
	X-Axis Stepper Motor	SP7445
	Y-Axis Stepper Motor	SP7446
	Y Arm Tube Assembly	SP7448
	Y-Axis Lead Screw Kit	SP7449

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	X-Axis Lead Screw Kit	SP7522
	X-Axis Lead Screw Bearings	SP6239
	Guide Shaft Kit	SP7523
	Bearing ½" ID (Set of 2) Linear bearings which travel along the guide shaft	SP7453
	X-Axis Drive Belt	SP5222

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	Front Cover Gray Color with Teledyne CETAC logo	SP7525
	Base Plate	SP7526
	**Pump Motor kit** 2 Channel Uses single channel tubing cartridges (one per channel)	32-0851-044
	**Tubing clip** Used with single channel tubing cartridges	32-0848-020

Ordering

To order, contact:

Phone (Toll-Free, USA): 800-369-2822
Phone (Outside USA): +1-402-733-2829
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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
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