

## ASX-280 AUTOSAMPLER



## ACCESSORIES AND PARTS CATALOG

Catalog part number 620130 Rev 12, September 2020

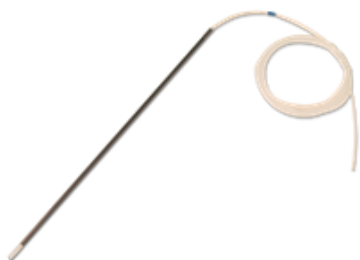
# Accessories and Supplies



**One Year Consumable Kit for ASX-280**

SP7673

**Kit Contains:** 2 – 0.5mm ID sample probes, a probe mounting kit, and all peristaltic pump and Tygon® tubing needed for rinse and waste.



### Sample Probes

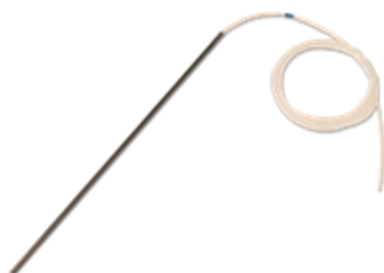
Length: 10 inches (25.4 cm)

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

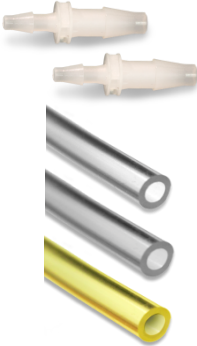



ID (mm)	Band	Capillary Length	Part Number
0.5	Blue	108 in (2.74 m)	SP5800N
0.8	Red	108 in (2.74 m)	SP5796N
1.0	2 Blue	108 in (2.74 m)	SP6013N



**Thumbscrew and O-Ring Kit**

SP5919

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS

	<b>Rinse/Drain Tubing Hookup Kit</b>	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	<table border="1"> <thead> <tr> <th>Material</th> <th>Typical Use</th> <th>Part Number</th> </tr> </thead> <tbody> <tr> <td>Chemical Resistant Tygon® 2375</td> <td>Aqueous</td> <td>SP7473</td> </tr> <tr> <td>Tygon® Fuel and Lubricant</td> <td>Oils</td> <td>SP7488</td> </tr> <tr> <td>Superthane®</td> <td>Oils</td> <td>SP7489</td> </tr> <tr> <td>Tygon® FEP lined</td> <td>Aqueous</td> <td>SP8319</td> </tr> </tbody> </table>	Material	Typical Use	Part Number	Chemical Resistant Tygon® 2375	Aqueous	SP7473	Tygon® Fuel and Lubricant	Oils	SP7488	Superthane®	Oils	SP7489	Tygon® FEP lined	Aqueous	SP8319
Material	Typical Use	Part Number																
Chemical Resistant Tygon® 2375	Aqueous	SP7473																
Tygon® Fuel and Lubricant	Oils	SP7488																
Superthane®	Oils	SP7489																
Tygon® FEP lined	Aqueous	SP8319																
	<b>Molded Rinse Station</b>	SP7457																
	<b>Rinse Station</b>	SP5337																
	<b>Dual Rinse Upgrade Kit</b> (Includes Tygon® tubing kit for gravity drain and pumped drain configurations)	SP7532																

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS



### 2-Channel Peristaltic Pump Tubing Cartridge

Pre-assembled, easy to install.

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

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS

### Single Channel Peristaltic Pump Tubing Cartridges

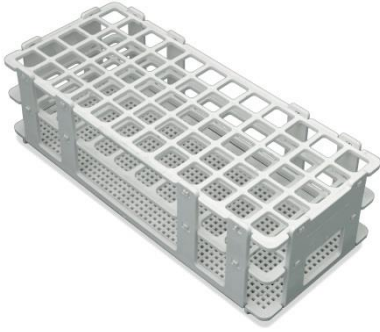
For use with pumps that use single channel tubing cartridges

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 can be used with a 3 mm tube on the drain channel to ensure that the rinse

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

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS



### 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

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

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS



**Tray Assembly with 10 Standards Positions**

SP7521



**Spill Tray for Flat Bottom Flasks**  
10 Standards Positions

SP7569



**250mL Adapter plate**

SP7639

Allows the use of 250mL bottles



**Bottle – 250mL (5 per kit)**

SP5228



**Waste Bottle – 1 Liter**

SP8322

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS



Waste Bottle – 2 Liter

SP5510



Waste Bottle – 15 Liter  
Carboy with Handles

SP8320



USB Cable (3 Meters)

SP6375



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

SP7441



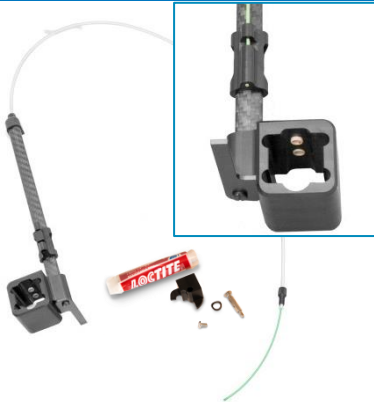




### Power Cords

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
Australia, China, New Zealand, Argentina	Type I AS/NZS 3112 220-240 V	SP6772



# 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

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS

	Y-Axis Home Flag with Probe Guide	SP7458
	X, Y, Z Sensor	SP7444
	USB Port	SP7475
	24-Volt Power Supply	SP6103
	Z-Drive Cable Attachment Kit	SP7651
	Z-Drive Cable Attachment Kit for Z-drives with molded rotor/stator	SP7662
	Z-Axis Stepper Motor	SP7447

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS

X-Axis Stepper Motor

SP7445



Y-Axis Stepper Motor

SP7446



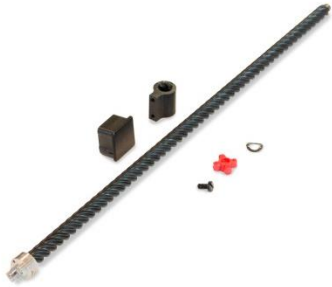
Y Arm Tube Assembly

SP7448



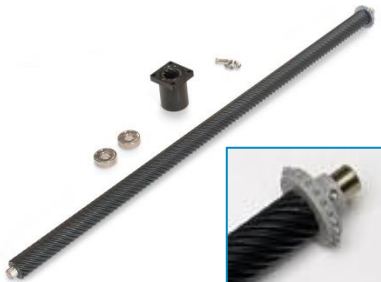
Y-Axis Lead Screw Kit

SP7449



X-Axis Lead Screw Kit

SP7522



## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS

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	X-Axis Lead Screw Bearings	SP6239
	Guide Shaft Kit	SP7523
	Bearing 1/2" ID (Set of 2) Linear bearings which travel along the guide shaft	SP7453
	X-Axis Drive Belt	SP5222
	Front Cover White Color with Teledyne CETAC logo Gray Color with Teledyne CETAC logo	SP7524 SP7525

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## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS



Base Plate

SP7526



**Pump Motor kit**

32-0851-044

2 Channel

Uses single channel tubing cartridges  
(one per channel)



**Tubing clip**

32-0848-020

Used with single channel tubing cartridges

## ASX-280 AUTOSAMPLER ACCESSORIES AND PARTS

# Ordering

To order, contact:

Phone (Toll-Free, USA): 800-369-2822

Phone (Outside USA): +1-402-733-2829

e-mail: [cetacsales@teledyne.com](mailto:cetacsales@teledyne.com)

[www.teledynecetac.com](http://www.teledynecetac.com)

Teledyne CETAC Technologies

14306 Industrial Road

Omaha, Nebraska 68144, USA

For questions about service and repair, call us at the numbers above or e-mail [cetacservice@teledyne.com](mailto:cetacservice@teledyne.com)

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