



**APS-1650
AUTOMATED PREPARATION SYSTEM
ACCESSORIES AND SUPPLIES CATALOG**




CETAC Technologies
14306 Industrial Road
Omaha, Nebraska 68144, USA
Phone: (402) 733-2829
Fax: (402) 733-5292
e-mail: custserv@cetac.com
www.cetac.com
620082 December, 2010

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
 <p>A white plastic assembly consisting of a central rail with two linear bearings on each side, mounted on a white base plate. The rail is supported by a white motor housing at one end.</p>	Dual Z-Axis Drive Assembly	SP6256
 <p>A black, cylindrical plastic component with a flared top edge and a smooth interior surface.</p>	Drip Cup	SP6257
 <p>A white plastic L-shaped bracket with a circular hole and a smaller hole. It is shown with several small white pins and a larger white pin.</p>	Sample Probe Holder	SP6258
 <p>A white plastic L-shaped bracket with a circular hole and a smaller hole. It is shown with several small white pins and a larger white pin.</p>	Stirrer Motor Holder	SP6259

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Stirrer Motor assembly	SP6216
	Retaining Ring for the Stirrer Motor	SP6348
	Stirrer-5.5 inches long	SP6260
	Stainless Steel Sample Probe (Beveled Tip)	SP6261
	Spring Kit – Drip Cup Assembly 0.240" x 0.88" 2/kit For SN < 120801A1650	SP6302




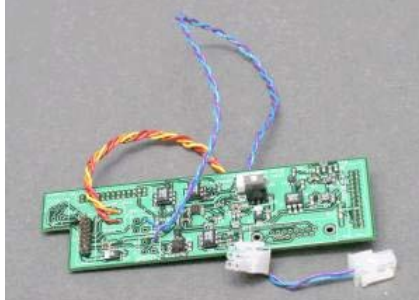

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	<p>Spring Kit – Drip Cup Assembly 0.180" x 1.50" 2/kit</p> <p>For SN ≥ 120801A1650</p>	SP6433
	<p>Pump Motor Kit 2-Channel</p>	SP7002A
	<p>Pump Motor Kit (Main) 3-Channel</p>	SP6396
	<p>28-Volt Power Supply (5 pin connector) - For Diluter</p> <p>24-Volt Power Supply (6 pin connector) - For Syringe Module</p>	<p>SP7020</p> <p>SP6103</p>
	<p>Carriage – Stepper Ribbon Cable</p>	SP6262

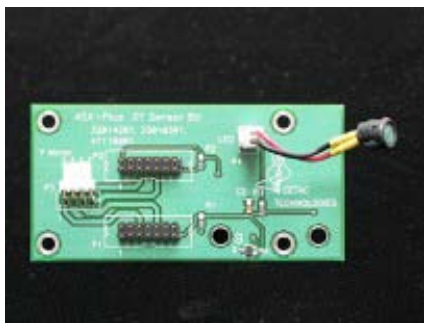

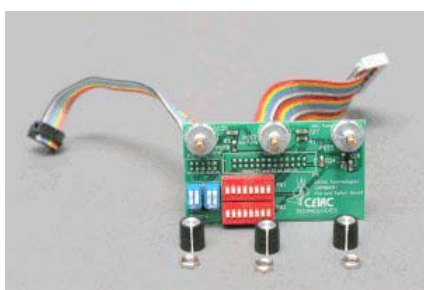


APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Stirrer, Z Axis interface cable	SP6221
	RS-232 interface cable (Female/Female)	SP5341
	USB cable (3 Meters)	SP6375
	Z-Drive 15 pin cable	SP6222
	Autosampler Switch / Power Input (5 pin input) - For Autosampler	SP6278

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Pump Module Switch / Power Input (6 pin input) - For Syringe Module	SP6279
	CPU Board (Rabbit) Standard	SP6365
	Main Board (Conformal Coated)	SP6263
	Stirrer, Z axis board	SP6228
	X-Axis sensor board	SP6229

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
 <p>A green printed circuit board (PCB) with various electronic components, including integrated circuits, resistors, and connectors. It has several circular mounting holes and a multi-pin connector on the right side.</p>	X/Y Sensor board	SP6230
 <p>A small green PCB with several orange and white cables connected to it. The board has a few surface components and a connector on the right.</p>	X/Y Interface board	SP6224
 <p>A green PCB assembly featuring three potentiometers (knob controls) and a red DIP switch. It has several multi-colored ribbon cables and three cylindrical components at the bottom.</p>	Potentiometer & DIP switch board assembly with cables	SP6225
 <p>A black cylindrical component with a white plastic connector and a multi-colored cable (red, white, yellow) attached to it.</p>	Auxiliary pump cable	SP6226
 <p>A large, complex green PCB populated with numerous integrated circuits, capacitors, and other electronic components. It has several connectors along the edges.</p>	Pump Module Board	SP6280

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	X-Axis Stepper Motor	SP6231
	Y-Axis Stepper Motor	SP6232
	Arm Assembly (Includes lead screw, y-axis motor and sensor board)	SP6264
	Y-Axis Lead Screw Kit	SP6236

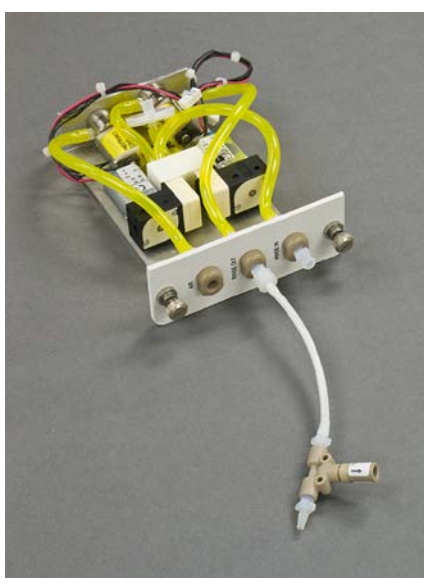
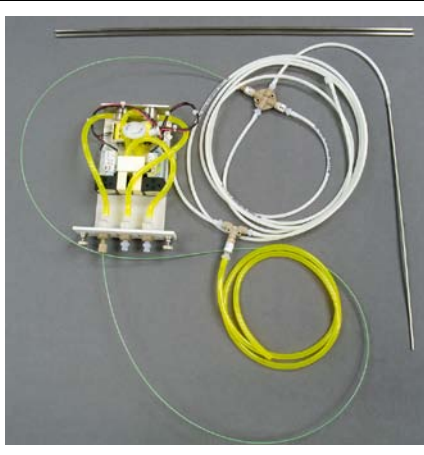

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	X-Axis Lead Screw Kit	SP6265
	Guide Shaft	SP6266
	Bearing, 7/8" x 3/8"	SP6239
	Bearing 3/4" ID	SP6240
	X-Axis Drive Belt	SP5222

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Rinse Station	SP6267
	Tube Stainless Steel (Rinse / Diluent Probe)	SP6281
	Inline Liquid Filter	SP6282
	Pump Module Air Filter	SP6283

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
 <p>A photograph of a Rinse Pump Module Card. It is a white rectangular printed circuit board (PCB) with several electronic components mounted on it, including two solenoid valves. Yellow Tygon tubing is connected to the valves. A white tube with a brass fitting and a white connector is attached to the front of the board.</p>	<p>Rinse Pump Module Card</p>	<p>SP6284</p>
 <p>A photograph showing the Rinse Pump Module Card with its associated tubing. The card is connected to a network of white and yellow Tygon tubing. A long, thin stainless steel needle is also visible, connected to the tubing system.</p>	<p>Rinse pump module card with tubing interface (Tygon Fuel & Lube)</p>	<p>SP6351</p>
 <p>A photograph of a white plastic liquid pressure regulation orifice. It has a T-shaped body with a larger inlet on one side and a smaller outlet on the other. A small white cap is shown next to it.</p>	<p>Liquid Pressure Regulation Orifice</p> <p>Orifice Size .013 in</p> <p>Orifice Size .014 in</p> <p>Orifice Size .015 in</p> <p>Orifice Size .016 in</p>	<p>SP6308A</p> <p>SP6308B</p> <p>SP6308C</p> <p>SP6308D</p>

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
 <p>A vertical glass syringe with a metal plunger and a black base. The brand name 'Cavro' is printed on the upper part of the glass, and '10mL' is printed near the bottom. The syringe has a threaded top and a small hole at the bottom.</p>	Cavro Syringe – 10mL	SP6114A
 <p>A white, cylindrical plastic valve assembly with two brass screws on top and two white plastic ports on the front. It is designed for use with the XLP-3000 syringe.</p>	3-Way Valve Assy. For the XLP-3000 Syringe	SP6376
 <p>Two yellow plastic check valve inlets with threaded ends and a small hole on the side. They are made of Chemraz/Viton material.</p>	Check Valve Inlet – Chemraz/Viton (Qty = 2)	SP6297

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Check Valve Outlet – Chemraz/Viton (Qty = 1)	SP6352
	Barbed Fitting Kit, 1/4-28 to 1/8" (Qty = 6)	SP6298
	4 Way PEEK Fitting	SP6299
	Tubing Kit, Polyurethane (130 inches)	SP6300






APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Thumb Screw Kit (Qty = 4)	SP6301
	1/16" Tefzel Ferrule (Qty = 4)	SP6303
	O-Ring, #2 .005 (Qty = 6) (Viton)	SP6304
	PEEK Tubing Kit, 54 inches	SP6305
	PEEK Nut Kit	SP6306

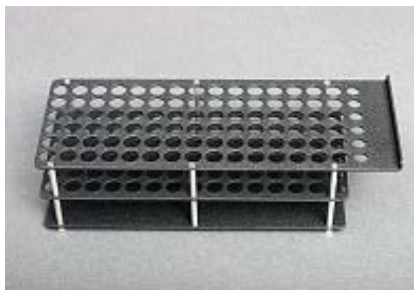
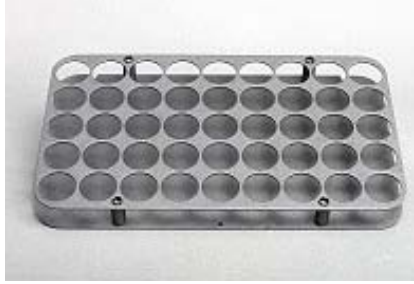


APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	<p>"T" Fitting Kit with check valve</p>	<p>SP6307</p>
	<p>APS-1650 Pump Module box w/Tee</p>	<p>SP6466</p>
	<p>Liquid Level Sensor Assembly Used with Fiber Optic Cable Assembly</p>	<p>SP6286</p>
	<p>Fiber Optic Cable Assembly Used with Liquid Level Sensor</p>	<p>SP6287</p>
	<p>Alignment Tool Kit for APS-1650</p>	<p>SP6288</p>






APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Rack Adapter Plate, 45 Position Sample/80 Position Collection	SP6269
	Rack Adapter Plate, 45 Position Sample/90 Position Collection	SP6270
	Rack Adapter Plate, 80 or 90 Position Sample/80 Position Collection	SP6271
	Rack Adapter Plate, 80 or 90 Position Sample/90 Position Collection	SP6272
	80 Position/15ml Sample/Collection Rack (Used in Oil industry)	SP7007

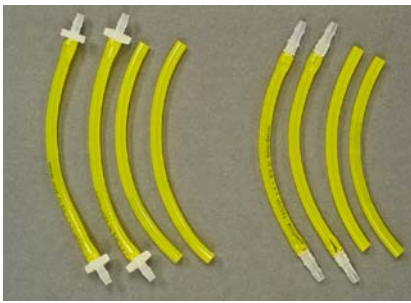



APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	<p>90 Position/8mL Sample/Collection Rack</p> <p>96 Position/8mL Sample/Collection Rack (Used in Oil industry)</p>	<p>SP6255</p> <p>SP6413</p>
	<p>45 Position/120cc Sample Rack (Used in Oil industry)</p> <p>45 Position (CAT)/120cc Sample Rack (Used in Oil industry)</p>	<p>SP6274</p> <p>SP6291</p>
	<p>Racks Used in Oil industry</p> <p>80 Position/2mL Sample Rack</p> <p>90 Position/2mL Sample Rack</p>	<p>SP6275</p> <p>SP6276</p>
	<p>8mL Polypropylene, 13mm x 100mm (1000/kit)</p> <p>8mL Polypropylene, 13mm x 100mm (250/kit)</p> <p>15mL Polypropylene, 17mm x 100mm (1000/kit)</p> <p>15mL Polypropylene, 17mm x 100mm (250/kit)</p>	<p>SP5178K</p> <p>SP5178L</p> <p>SP5178M</p> <p>SP5178N</p>
	<p>Sample vial, 2mL cup (100/kit)</p> <p>Sample vial, 2mL cup (500/kit)</p>	<p>SP5178Q</p> <p>SP5178P</p>

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Bottle, 4oz with cap (100/kit) Bottle, 4oz with cap (500/kit)	SP5178R SP5178S
	Cap Drawer	SP6312
	45 Position Cap Rack	SP6311
	45 Position Cap Rack Adapter Base	SP6313
	Rinse/Drain Tubing Hookup Kit (Fuel and lubricant tubing) Used in the oil industry. 7 foot piece of 1/8" ID (2/kit) 6 foot piece of 3/16" ID (2/kit)	SP6253 SP6254

APS-1650 AUTO PREP SYSTEM SPARE PARTS

IMAGE	DESCRIPTION	PART #
	Drain Pump Tubing and Connector Kit (Fuel and lubricant) Used in the oil industry.	SP6191
	Rinse/Drain Tubing Hookup Kit (Superthane) Used in the oil industry. 7 foot piece of 1/8" ID (2/kit) 6 foot piece of 3/16" ID (2/kit)	SP6431 SP6432
	Drain Pump Tubing and Connector Kit (Viton)	SP6430
	Drain Pump Tubing and Connector Kit (Viton) With Y Splitters (Superthane)	SP6439

Trademark Acknowledgements: Chemraz is a registered trademark of Green Tweed. Viton and Tefzel are registered trademarks of DuPont. Superthane is a registered trademark of New Age Industries. Tygon is a registered trademark of Norton Co. PharMed is a registered trademark of Norton Co.