

ESI parts catalogue for SC-series autosamplers and FAST accessory



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SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
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SC-2 & SC-4 Accessories

Commonly used Nebulizers with SC-2/SC-4 and FAST

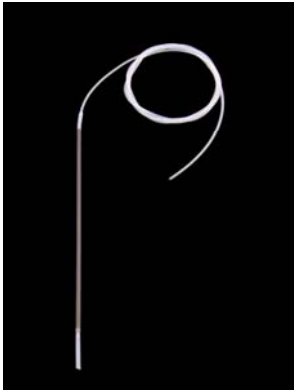
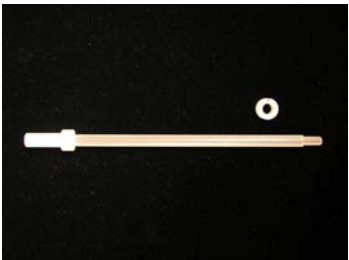
	PFA-ST Nebulizer, High Pressure (Detachable Capillary)	ES-2040-57
	PFA-ST Nebulizer, Low Pressure (Detachable Capillary)	ES-2040-54
	Please contact ESI for complete selection of Nebulizers	
	Poly-Pro Nebulizer, High Pressure (Detachable Capillary)	ES-4040-57
	Poly-Pro Nebuliser, High Pressure (Detachable Capillary)	ES-4040-54

Sample Probes used with ST-Nebulizers

	Probe, SC version, .15mm (used with ST nebs)	ES-5037-3150-080
	Probe, SC version, .20mm (used with ST nebs)	ES-5037-3200-080
	Probe, SC version, .25mm (used with ST nebs)	ES-5037-3250-080
	Probe, SC version, .30mm (used with ST nebs)	ES-5037-3300-080
	Probe, SC version, .50mm (used with ST nebs)	ES-5037-3500-080
	Probe, SC version, .80mm (used with ST nebs)	ES-5037-3750-080



Sample Probes standard with SC-2/SC-4 Autosamplers
(See the *FAST* section for Sample Probes when using the *FAST*)

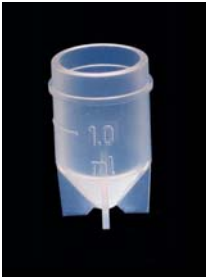

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	<p>Sample Probes</p> <p>Carbon Fiber Sample Probe, 0.25 mm ID (green band) Standard with SC autosampler</p> <p>Carbon Fiber Sample Probe, 0.5 mm ID (orange band) Standard with SC autosampler</p> <p>Please contact ESI for complete selection of Nebulizers</p>	<p>SC-5037-3250</p> <p>SC-5037-0500</p>
	<p>Sample probe line holder</p>	<p>SC-0106</p>



SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
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Sample Vials Compatible with ESI racks: ST5-28, ST-28, ST-10-28-CP, SR2-27-28, SR2-21-27		
	Bottle with TFM insert Volume: 25mL Height: 60mm O.D.: 27mm Material: PFA	V-27-0360
	Tube with screw cap Volume: 50mL Height: 115mm Tube O.D.: 28mm Material: Polypropylene Base Design: Conical, skirted	V-28-0260C

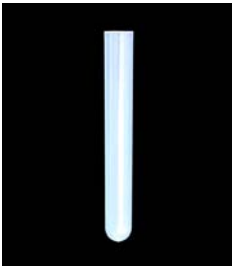
Sample Vials Compatible with ESI racks: MR-21-14, MR-40-14, MT-24G		
	Vial, ridged for press-on cap (cap not included) Volume: 1.5mL Height: 24mm Tube O.D.: 14mm Material: PFA Base Design: Conical Qty: 10 each	V-14-0311CG
	Vial, ridged for press on cap (cap not included) Volume: 2.5ml Height: 36mm Tube O.D.: 14mm Material: PFA Base Design: Conical Qty: 10 each	V-14-0312CG

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	Vial, ridged for press on cap (cap not included) Volume: 4.0 ml Height: 60mm Tube O.D.: 14mm Material: PFA Base Design: Conical Qty: 10 each	V-14-0313CG
	Snap-on for tight seal storage Press on for dust protection	V-14-0300 V-14-0301

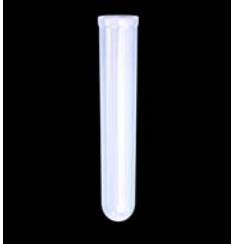
Sample Vials

Compatible with ESI racks: LR-90-13, SR2-120-13

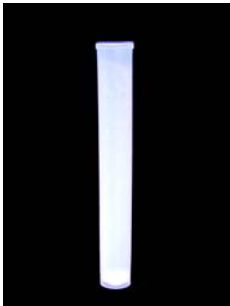

	Tube Volume: 8mL Height: 100mm Tube O.D.: 13mm Material: Polypropylene Base Design: round Qty: 1000 each	V-13-0200R
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Sample Vials


Compatible with ESI racks: LR-60-16, SR2-80-16, ST12-16

	Tube Volume: 12mL Height: 100mm Tube O.D.: 16mm Material: Polypropylene Base Design: round Qty: 1000 each	V-16-0200R
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SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	<p>Tube Volume: 12mL Height: 90mm Tube O.D.: 16mm Material: PFA Base Design: Straight Qty: 1000 each</p>	V-16-0300
	<p>Vial with screw cap Volume: 15mL Height: 90mm Tube O.D.: 16mm Material: Polypropolene Base Design: conical Qty: 500 each</p>	V-16-0255


100 mL Bottle Compatible with ESI rack: SR2-12-50		
	<p>Bottles with TFM insert Volume: 125mL Height: 105mm Tube O.D.: 50mm Material: PFA</p>	V-50-0360

250mL Bottle Compatible with ESI racks: ST5-61, SR2-10-61, SR14-40-61		
	<p>Narrow mouth bottle Volume: 250mL Height: 130mm O.D.: 61mm Material: Polyethylene Qty: 12 each</p>	V-61-0660



SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	Wide mouth bottle Volume: 250mL Height: 130mm O.D.: 61mm Material: Polyethylene Qty: 12 each	V-61-0661

Standards Racks

	Standards Rack 10 position (28mm) Standards Rack 10 position (High Purity) (31mm)	ST10-28 ST10-31
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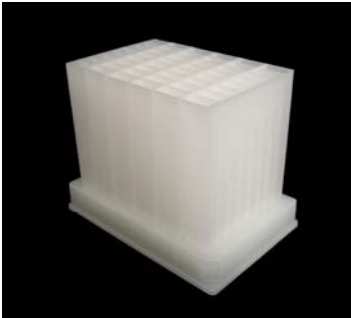
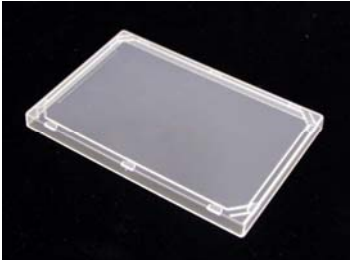
Micro Racks (70mm x 160mm)

	21 Position micro Rack (3x7)	MR-21-14
	40 Position micro Rack (4x10)	MR-40-14
	60 Position micro Rack (5x12)	MR-60-08
	90 Position micro Rack (6x15)	MR-90-08
	Cover for micro racks	MR-00-01


SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
ASX-100 & GeMeTec Racks		
	<p>The Cetac and GeMeTec rack is smaller than a standard Microtiter plate. An adapter is needed so that the Cetac/GeMeTec rack will fit into the SC-series of autosamplers.</p>	
	<p>Rack, Cetac/GeMeTec (4x6) (14mm)</p>	MT-24G
	<p>Adapter Plate for Gemetec/Cetac ASX-100's.</p> <p>Note: Adapter plate fits into the SC Autosampler and the Cetac/GeMeTec racks fits into the adapter.</p>	MT-24G-AP
Microtiter Plates		
	<p>Microtiter Plate, 24 position, PP, 10mL well Microtiter Plate 48 Position, PP, 5mL well Microtiter Plate 48 Position, PP, 7.5mL well Microtiter Plate 96 position, PP, 2mL well</p>	<p>MT24-10ML-02 MT48-5ML-02 MT48-75ML-02 MT96-2ML-02</p>

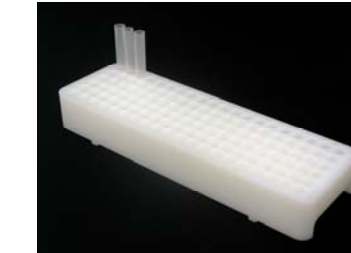
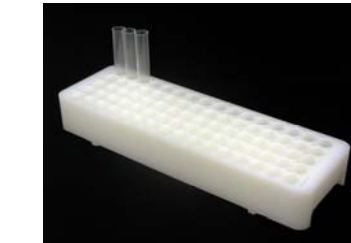
SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	Microtiter Plate, 48 position, PP, 10mL well (with removable rows)	MT48-10ML-05
	Cover for microtiter plates	MT-00-02ML

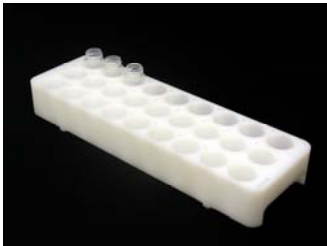
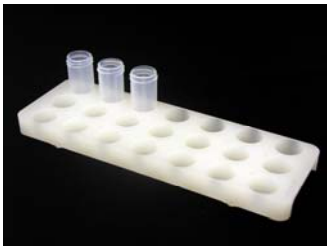




Large Autosampler Racks

	Large Rack, 21 position, (3x7) (30mm) Large Rack, 40 Position, (4x10) (20mm) Large Rack, 60 Position, (5x12) (16mm) Large Rack, 90 Position, (6x15) (13mm)	LR-21-30 LR-40-20 LR-60-16 LR-90-13
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Super Autosampler Racks (10cmx33cm)

	Super Rack, 120 position, (6 x 20) (13mm) Note: Vials not included	SR2-120-13
	Super Rack, 80 position, (5 x 16) (16mm) Note: Vials not included	SR2-80-16


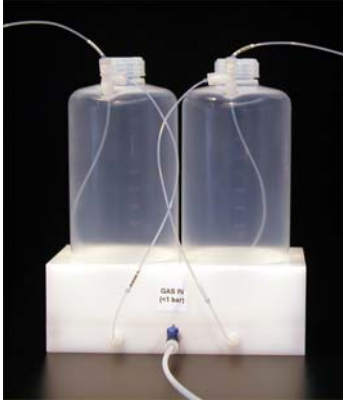
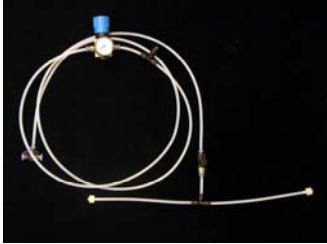

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	<p>Super Rack, 27 position, (3 x 9) (28mm)</p> <p>Note: Vials not included</p>	SR2-27-28
	<p>Super Rack, 21 position, (3 x 7) (30mm)</p> <p>Note: Vials not included</p>	SR2-21-30
	<p>Super Rack, 21 position, (3 x 7) (28mm)</p> <p>Note: Vials not included</p>	SR2-21-27
	<p>Super Rack, 21 position, (3 x 7) (22mm)</p> <p>Note: Vials not included</p>	SR2-21-22
	<p>Super Rack, 12 position, (2 x 6) (50mm)</p> <p>Note: Vials not included</p>	SR2-12-50
	<p>Super Rack, 10 position, (2 x 5) (61mm)</p> <p>Note: Vials not included</p>	SR2-10-61






SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
Rinse Station Supplies		
	Dual Rinse Station (PP) Dual Rinse Station (PFA)	SC-0301-02 SC-0301-03
	Tygon Drain Line 4mm O.D.	SC-0303
	Dual rinse lines (Standard) Dual rinse lines (Used with peristaltic pump)	SC-0302-S SC-0302-PP
	1-Way Stopcock for use with SC-Autosampler rinse lines	SC-0302-01

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	<p>4 liter Polypropylene Rinse Container (Labeled Rinse 1)</p> <p>4 liter Polypropylene Rinse Container (Labeled Rinse 2)</p>	<p>SC-0305-1</p> <p>SC-0305-2</p>
	<p>Pressurized Rinse System, PP</p> <p>High Pressurized Rinse System</p> <p>1L Polypropylene bottle for Pressurized Rinse</p> <p>1L PFA bottle for Pressurized Rinse</p> <p>Pressurized Rinse System Base</p>	<p>SC-0304-02</p> <p>SC-0304-03</p> <p>SC-0304-12</p> <p>SC-0304-13</p> <p>SC-0304-10</p>
	<p>Low pressure regulator, Teflon gas tubing, tee assemblies, Swage Lok regulator, gas fittings, spare luer caps, primer syringe, 3x metal free one-way stopcock.</p>	<p>SC-0304-1900</p>
	<p>Primer syringe for SC Rinse Station</p>	<p>SC-0309</p>



SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
Hardware		
	<p>Y-Z Carriage Assembly</p> <p>(Used with SC-2 & SC4)</p>	SC- SC-0101
	<p>X-axis rail assembly (SC-2 / SC-E2 Autosampler)</p> <p>X-axis rail assembly (SC-4 / SC-14 Autosampler)</p>	<p>SC-0102-02</p> <p>SC-0102-01</p>
	X-axis stepper motor	SC-0103
	<p>Chain replacement kit for SC-2 / SC-E2 (includes X,Y and Z axis chains)</p> <p>Chain replacement kit for SC-4 (includes X,Y and Z axis chains)</p>	<p>SC-0104-9902</p> <p>SC-0104-9904</p>
	Y-Arm assembly	SC-0105-02

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	Electronics control panel assembly	SC-0201
	GPIB to RS-232 Converter Kit (Address 7) GPIB to RS-232 Converter Kit (Address 14)	SC-0901-07 SC-0901-14
	Power supply for GPIB to RS232 Converter	SC-0901-9101
	Power supply 24 volt DC (5 pin DIN connector)	SC-0210
	Power Cords North America / Japan Europe UK China India Australia Switzerland	ES-4399-9101 ES-4399-9102 ES-4399-9103 ES-4399-9104 ES-4399-9105 ES-4399-9106 ES-4399-9107

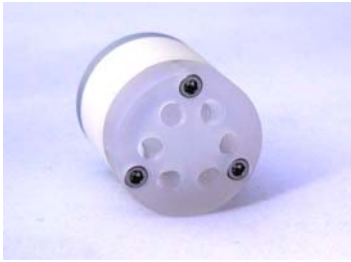

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	DB9 M/F Serial Cable	SC-0904
	USB to Serial Converter	SC-0905



SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
FAST Accessories		
	<p>CTFE/PTFE Fluor polymer low-flow valve head. (Uses M5 / 10-32 fittings)</p> <p>LOW FLOW VERSION</p>	<p>SC-0599-1008</p>
	<p>CTFE/PTFE Fluor polymer low-flow valve head with actuator including lines and probes. (Uses M5 / 10-32 fittings)</p> <p>LOW FLOW VERSION</p>	<p>SC-0599-1108</p>
	<p>PEEK low flow valve head. (Uses M5 / 10-32 fittings)</p> <p>LOW FLOW VERSION</p>	<p>SC-0599-1009</p>
	<p>PEEK low-flow valve head with actuator including lines and probes. (Uses M5 / 10-32 fittings)</p> <p>LOW FLOW VERSION</p>	<p>SC-0599-1109</p>






SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	<p>CTFE high flow valve head. (Uses ¼-28 fittings)</p> <p>HIGH FLOW VERSION</p>	<p>SC-0599-1010</p>
	<p>CTFE low-flow valve head with actuator including lines and probes. (Uses ¼-28 fittings)</p> <p>HIGH FLOW VERSION</p>	<p>SC-0599-1110</p>








Accessories used with Low Flow Valves

	<p>Sample Probe, Teflon, Carbon fiber support 0.8mm i.d. (blue marker) connects to port #5</p> <p>Carrier Probe, Teflon, Carbon fiber support 0.5mm i.d. (Orange marker) connects to port #2</p>	<p>SC-5037-3750</p> <p>SC-5037-3500</p>
	<p>Completion kit for low flow valve. Contains:</p> <ul style="list-style-type: none"> • 0.25mm i.d. ST nebulizer line • 500, 1000 and 2000 uL loops • Peripump "carrier in" line 0.5mm • 0.5mm i.d. Teflon carrier in probe • 0.8mm i.d. Teflon autosampler probe 	<p>SC-399-01</p>

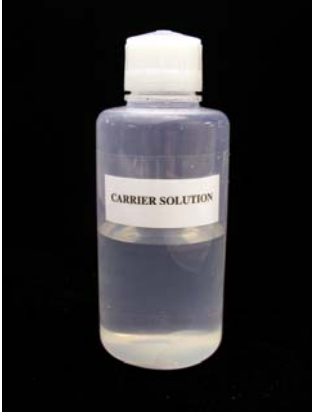


SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	ST nebulizer line, connects to port #3 0.15 i.d. (red marker) 0.2 i.d. (purple marker) 0.25 i.d. (green marker) (Standard) 0.3 i.d. (yellow marker) 0.5 i.d. (orange marker)	SC-0310-0150 SC-0310-0200 SC-0310-0250 SC-0310-0300 SC-0310-0500
	Sample Loop, Teflon, connects to ports #1 and #4 500 uL loop 1000 uL loop 2000 uL loop	SC-0312-05 SC-0312-10 SC-0312-20
	Peripump "carrier in" line, 0.5 mm i.d. (orange marker) connects to port #2	SC-0314-0500
	Peristaltic pump tubing, red/red (Qty 12)	ES-4399-1114
	M5 black ferrule nut fittings (Qty 10) (Note: Used with low flow valve)	SC-0599-0001

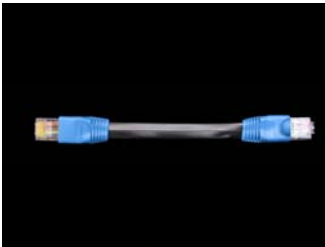

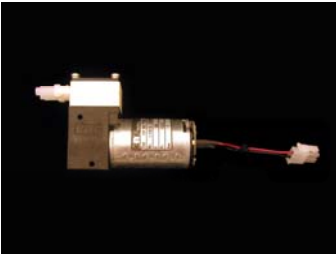
SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
Accessories used with High Flow Valves		
	Sample Probe, Teflon, Carbon fiber support 0.8mm i.d. (blue marker) connects to port #5	SC-5037-3751
	Carrier Probe, Teflon, Carbon fiber support 0.5mm i.d. (Orange marker) connects to port #2	SC-5037-3501
	ST nebulizer lines, connect to port #3 0.25 i.d. (green marker)	SC-0317-0250
	0.5 i.d. (orange marker)	SC-0317-0500
	Sample Loop, Teflon, connects to ports #1 and #4	
	1mL loop	SC-0315-10
	2 mL loop	SC-0315-20
	3 mL loop	SC-0315-30
	Sample Loop, Teflon, connects to ports #1 and #4	
	4 mL loop	SC-0315-40
	Peripump "carrier in" line, 0.5 mm i.d. (orange marker) connects to port #2	SC-0316-0500
	Adapter line for high flow valve connects to port #6 (Adapts from a 1/16" to 1/8" line)	SC-0318
	Ferrule and nut set, 1/4-28, holds 1/8" tubing (Qty 10)	SC-0599-0108

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
	Ferrule and nut set, ¼-28, holds 1/16" tubing (Qty 10)	SC-0599-0116
Miscellaneous Hardware		
	Internal line replacement kit (Kit includes Spare internal-pump line, vacuum line, and waste line)	SC-0350-99
	Bottle, 1L, Polyethylene (90x 120 mm)	V-90-0660
	Valve module cable, 2 meters long (Connects FAST to valve module)	SC-0599-2001
	Red patch cable	SC-0599-2002

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
 A blue patch cable with RJ45 connectors on both ends, set against a black background.	Blue patch cable	SC-0599-2003
 A black rectangular valve actuator with a white RJ45 connector on top, set against a white background.	Valve actuator with RJ45 connector (Note: does not include valve head)	SC-0599-1100
 A small, cylindrical vacuum pump with a brass-colored body and a red wire, set against a black background.	Vacuum pump	SC-0599-2201

SC-2/SC-4 and FAST Spare Parts Catalog

IMAGE	DESCRIPTION	PART #
Options for the SC-2/SC-4 Autosamplers		
	ULPA filtered enclosure for SC-2 Autosampler	SC-1207-1000
	ULPA filtered enclosure for SC-4 Autosampler	SC-1407-1000
	ULPA Filter for ESI enclosures	SC-0602
	Stand for SC-2 Autosampler Stand for SC-4 Autosampler	SC-1210-0002 SC-1410-0002

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