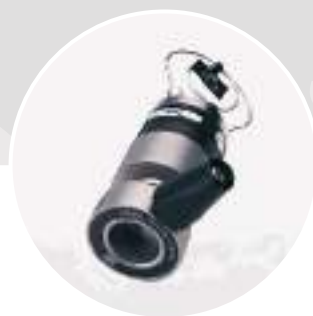




SPARES & CONSUMABLES

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SCION 4X6 SPARES & CONSUMABLES



SCION FERRULES

SCION GRAPHITE FERRULES

- > For use of column to injector or column to detector
- > Not suitable for MS connection
- > High temperature limit
- > Softer material and reusable

P/N	Description	Quantity
41312141	Graphite Ferrule with 0.5mm Hole for 1/16" Fittings	Pk/10
41312142	Graphite Ferrules with 0.5mm Hole for use with 1/8" Nuts	Pk/10
41312143	Graphite Ferrule with 0.8mm Hole for 1/16" Fittings	Pk/10
41312144	Graphite Ferrule with 1/8" Hole for 1/8" OD Packed Column	Pk/10
41312145	Graphite Ferrule with 1/4" Hole for 1/4" OD Packed Columns	Pk/10
41312146	Graphite Sealing Ferrule for 1078/1079 Injectors	Pk/10
41312147	Graphite Ferrule with 1/16" Hole for 1/8" Fittings	Pk/10



SCION FERRULES

SCION 15% GRAPHITE / 85% VESPEL FERRULES

- > For use of column to injector or column to detector
- > Suitable for MS connection
- > High temperature limit
- > Cannot be re-used

P/N	Description	Quantity
41312148	15% Graphite / 85% Vespel Ferrule with 0.4mm Hole	Pk/10
41312149	15% Graphite / 85% Vespel Ferrule with 0.5mm Hole	Pk/10
41312150	15% Graphite / 85% Vespel Ferrule with 0.8mm Hole	Pk/10
41312151	15% Graphite / 85% Vespel Ferrule with 1/8" Hole	Pk/10
41312152	15% Graphite / 85% Vespel Ferrule with 1/4" Hole	Pk/10
41312153	15% Graphite / 85% Vespel Ferrule with no Hole	Pk/10
41312154	15% Graphite / 85% Vespel Ferrule with 2 x 0.4mm Hole	Pk/10
41312155	15% Graphite / 85% Vespel Ferrule with 2 x 0.5mm Hole	Pk/10
41312156	15% Graphite / 85% Vespel Ferrule with 0.3mm Hole	Pk/10
41312157	15% Graphite / 85% Vespel Ferrule with 1/16" Hole for 1/8" Fitting	Pk/10
41312158	Replacement GVF16-16 Vespel Ferrules	Pk/10
41312159	15% Graphite / 85% Vespel Ferrule with no Hole for 1/8" Fitting	Pk/10
41312160	15% Graphite / 85% Vespel Ferrule with 1 x 0.5mm and 1 x 0.8mm Holes for 1/8" Fitting	Pk/10

SCION GAS CLEAN FILTERS FOR GC, GC-MS

SCION GAS CLEAN FILTERS

- > SCION Clean Gas Filters provide superior quality carrier and detector gases for optimal detection limits, and extended column lifetime.
- > QR code for traceability and real time filter status monitoring. After setting up and activation the QR code you can view current status of the filter, set maintenance reminders, get technical support and Re-Order and see QA status for QA Audits.
- > Improved maximum pressure resistance and durability (now 15 Bar).
- > Fully made of glass and metal: no diffusion and no micro leaks. Polymer shielding of filter for optimal safety. All materials are renewable.
- > Quick Fit Base plate: No tools required for replacement. Spring-loaded check valves seal when a filter is removed and open only when a new filter has been locked in place, avoiding introduction of contaminants.
- > Easy to read indicators warns when a filter is saturated.

SCION Recommended
Gas Filtering Set Up for
GC, GCMS, LCMS



Gas Type	Recommend Filters	Detectors
Carrier	Oxygen and moisture	FID, TCD, PFPD
Carrier	Oxygen, moisture and hydrocarbons	MS, NPD, ECD, PID
Detector Air	Hydrocarbons	FID, PFPD, NPD
Detector H2	Hydrocarbons	FID, PFPD, NPD
Make up N2 or Ar/CH4	Oxygen and moisture	ECD
Make up N2 or He	Hydrocarbons (when make up is not also carrier)	FID, NPD
Cone/Sheath gas	Hydrocarbons	LC/MS
Air	CO2	CO2 sensitive systems

SCION GAS CLEAN FILTERS FOR GC, GC-MS

SCION FILTER KITS

- > Complete Kits with Baseplates, Filters and connections.
- > Easy for starting or expanding lab setups.

P/N	Description
BRB1010B8	Scion Instruments 1 Triple Filter Kit - 1/8" Brass Triple Filter, 1 Position Base plate with 1/8" Brass inlet/outlet fittings
BRB1011B8	Scion Instruments 1 Triple He Filter Kit - 1/8" Brass Triple He Filter, 1 Position Base plate with 1/8" Brass inlet/outlet fittings
BRB1012B8	Scion Instruments 1 Triple H2 Filter Kit - 1/8" Brass Triple H2 Filter, 1 Position Base plate with 1/8" Brass inlet/outlet fittings
BRB1110SKB8	Scion Instruments 1 Triple Filter Starter Kit incl. 1 spare filter- 1/8" Brass 2 Triple Filters, 1 Pos. Base plate with 1/8" Brass inlet/outlet fittings, two 1/8" nuts , ferrules and 1 m tubing
BRB1020B8	Scion Instruments 2 Combi Filters Kit - 1/8" Brass 2 Combi Filters, 2 Position Base plate with 1/8" Brass inlet/outlet fittings.
BRB1024B8	Scion Instruments 2 Filters Kit - 1/8" Brass Oxygen Filter, Moisture Filter, 2 Position Base plate with 1/8" Brass inlet/outlet fittings.
BRB1024SKB8	Scion Instruments 2 Filters Starter Kit - 1/8" Brass Oxygen Filter, Moisture Filter, 2 Pos. Base plate w. 1/8" Brass inlet/outlet fittings, nut, ferrule and 1m tubing
BRB1030B8	Scion Instruments 3 Filters Kit - 1/8" Brass Triple Filter, 2 Combi filters, 3 Position Base plate with 1/8" Brass inlet/outlet fittings.
BRB1040B8	Scion Instruments 4 Filters Kit - 1/8" Brass Oxygen Filter, Moisture Filter, 2 Hydrocarbon Filters, 4 Position Base plate with 1/8" Brass inlet/outlet fittings.

SCION BASE PLATES

- > Baseplates for GC.
- > Different # of positions, connection size and material.

P/N	Description
BRB0010B8	Scion Instruments Base plate 1 Position - 1/8" Brass Base plate for 1 Gas Filter

SCION GAS CLEAN FILTERS FOR GC, GC-MS

SCION FILTER REPLACEMENTS

- > Filter Replacements.
- > Filter bundles for efficient and cost effective replacement maintenance.

P/N	Description
BRF0101	Scion Instruments Moisture Filter Ultra high capacity moisture filter. Ideal for carrier gas filtering when a MS or FID is used.
BRF0102	Scion Instruments Oxygen Filter Ultra high capacity oxygen filter. Ideal for carrier gas filtering when an FID is used.
BRF0103	Scion Instruments Hydrocarbon Filter Ultra high capacity moisture filter. Ideal for burner gas filtering (air and hydrogen) when an FID is used.
BRF0201	Scion Instruments Combi Filter Moisture - Hydrocarbon adsorbents combination. Used for burner gas cleaning like Air and Hydrogen
BRF0301	Scion Instruments Triple Filter Triple combination of Oxygen - Moisture - Hydrocarbon adsorbents. Used for carrier gas cleaning
BRF0302	Scion Instruments Triple He-specific Filter Triple combination of Oxygen - Moisture - Hydrocarbon adsorbents, conditioned with Helium. Used for Helium carrier gas cleaning and ideal for GC/MS systems
BRF0304	Scion Instruments Triple H ₂ -specific Filter Triple combination of Oxygen - Moisture - Hydrocarbon adsorbents, conditioned with Hydrogen. Used for Helium carrier gas cleaning GC/MS systems

FILTER BUNDLES

P/N	Description
BRF0730	Scion Instruments Filter Bundle of 3 For GC and GC/MS. 1 Triple Filter, 2 Combi Filters
BRF0740	Scion Instruments Filter Bundle of 4 For GC and GC/MS. Oxygen Filter, Moisture Filter, 2 Hydrocarbon Filters

SCION GAS CLEAN FILTERS FOR GC, GC-MS

SCION PARTS FOR CONNECTING / MOUNTING

- > Various connecting materials to ensure proper operation of SCION Gas Clean Filters.
- > Convenient and space-saving wall mounting brackets.

P/N	Description
BRB0121	Scion Instruments Connector Set - 1/8" Brass 3 Sets of two Connectors (in- and outlet) for Base plate
BRB0122	Scion Instruments Connector Set - 1/4" SS 3 Sets of two Connectors (in- and outlet) for Base plate
BRB0123	Scion Instruments Connector Set - 1/8" SS 3 Sets of two Connectors (in- and outlet) for Base plate
BRB0130	Scion Instruments Flush Cap Replacement Set 2 Flush Caps for Base plate
BRB0110	Scion Instruments Base plate O-ring Replacement Set Two sets of 10 O-rings for Base plate
BRB0050	Scion Instruments Wall-mounting Bracket Set Suitable for genuine Scion Instruments Base plates



SCION INLET LINERS

SPLIT / SPLITLESS INJECTOR (1177 S/SL)

- > SCION qualified inserts use highest quality glass/quartz wool for minimal degradation.
- > SCION qualified inserts are deactivation treated to minimize activity.
- > SCION qualified specific geometries for applications.

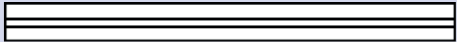
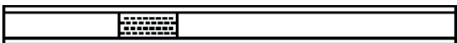
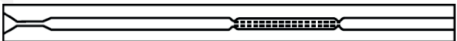


P/N	Description	ID (mm)	App.	
41312100	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL STRAIGHT QWOOL PK/5	4	S/SL	
41312101	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL FOCUS PK/5	4	S/SL	
41312102	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL TAPER FOCUS PK/5	4	S/SL	
41312103	LINER 1177 78.5 L x 6.1 OD x 2MM ID S/SL STRAIGHT PK/5	2	S/SL	
41312104	LINER 1177 78.5 L x 6.3 OD x 2MM ID S/SL FOCUS PK/5	2	S/SL	
41312105	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL STRAIGHT PK/5	4	S/SL	
41312106	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL RECESSED GOOSENECK QUARTZ WOOL PK/5	4	S/SL	
41312107	LINER 1177 78.5 L x 6.3 OD x 2MM ID S/SL RECESSED GOOSENECK PK/5	2	S/SL	
41312108	LINER 1177 78.5 L x 6.3 OD x 1.2MM ID S/SL STRAIGHT PK/5	1.2	Split, SPME	
41312109	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL TAPER PK/5	4	S/SL	
41312110	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL DBL TAPER PK/5	4	S/SL	
41312111	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL TAPER QUARTZ WOOL PK/5	4	S/SL	
41312112	LINER 1177 78.5 L x 6.3 OD x 2.3MM ID S/SL TAPER FASTFOCUS PK/5	2.3	S/SL	

SCION INLET LINERS

SPLIT / SPLITLESS INJECTOR (1177 S/SL) – ADVANCED LINERS

- > SCION Ultra Inert liner inserts prevent breakdown of active compounds.
- > SCION Ultra inert liner inserts realizes best peak symmetry in 'hot injections'.

P/N	Description	ID (mm)	App.
41312113	LINER 1177 78.5 L x 6.3 OD x 0.75MM ID SPME STRAIGHT PK/5	0.75	SPME 
41312114	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL STRAIGHT QWOOL ULTRA INERT PK/5	4	S/SL 
41312115	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL TAPER FOCUS ULTRA INERT PK/5	4	S/SL 
41312116	LINER 1177 78.5 L x 6.3 OD x 2.3MM ID S/SL TAPER FASTFOCUS ULTRA INERT PK/5	2.3	S/SL 
41312117	LINER 1177 78.5 L x 6.3 OD x 4MM ID S/SL TAPER QUARTZ WOOL ULTRA INERT PK/5	4	S/SL 

SPLIT / SPLITLESS INJECTOR (1177 S/SL) – O-RING INLET PORT SEALS

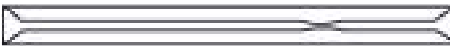
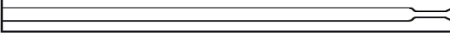
- > SCION Injector O-rings provide best leak tight seal, avoid air leaks.
- > Graphite or Viton available; Graphite allows higher temperature for inlet (max 450°C).

P/N	Description
41312118	INJECTOR SEAL O-RING 1177 6.5MM ID VITON PK/10
41312119	INJECTOR SEAL O-RING 1177 6.5MM ID GRAPHITE PK/10

SCION INLET LINERS

PTV INLET (1078/1079 PTV), ON COLUMN INLET (SPI/1093)

- > SCION qualified inserts use highest quality glass/quartz wool for minimal degradation.
- > SCION qualified inserts are deactivation treated to minimize activity.
- > SCION qualified specific geometries for applications (i.e. on-column, pseudo on-column or SPME).

P/N	Description	ID (mm)	App.	
41312120	LINER 1093/SPI 54 L x 4.6 OD x 0.5MM ID COC CONNECTITE R 0.25 PK/5	0.5	On Column	
41312121	LINER 1093/SPI 54 L x 4.6 OD x 0.5MM ID COC CONNECTITE R 0.25 PK/5	0.5	On Column	
41312122	LINER 1093/SPI 54 L x 4.6 OD x 0.8MM ID COC CONNECTITE R 0.50 PK/5	0.8	On Column	
41312123	LINER 1078/1079 54 L x 5 OD x 0.5MM ID S/SL STRAIGHT PK/5	0.5	S/SL / PTV	
41312124	LINER 1078/1079 54 L x 5 OD x 3.4MM ID S/SL DOUBLE TAPER FOCUS PK/5	3.4	S/SL / PTV	
41312125	LINER 1078/1079 54 L x 5 OD x 3.4MM ID S/SL FOCUS PK/5	3.4	S/SL / PTV	
41312126	LINER 1078/1079 54 L x 5 OD x 3.4MM ID S/SL TAPER PK/5	3.4	S/SL / PTV	
41312127	LINER 1078/1079 54 L x 5 OD x 2MM ID S/SL TAPER PK/5	2.0	S/SL / PTV	
41312128	LINER 1078/1079 54 L x 5 OD x 0.8MM ID SPME STRAIGHT PK/5	0.8	SPME	

PTV INLET (1078/1079 PTV), ON COLUMN INLET (SPI/1093) - FERRULES

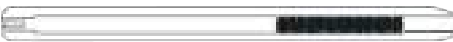
- > Scion qualified ferrules for PTV Injectors.
- > Perfect seal on inserts using liner jig, for best precision results.

P/N	Description
41312146	GRAPHITE SEALING FERRULE FOR 1078 & 1079 INJECTORS PK/10

SCION INLET LINERS

PACKED WIDE BORE - ON COLUMN / FLASH INLET (1041/1061)

- > SCION qualified inserts use highest quality glass/quartz wool for minimal degradation.
- > SCION qualified inserts are deactivation treated to minimize activity.
- > SCION qualified specific geometries for applications (i.e. on-column, pseudo on-column or SPME).

P/N	Description	
392611943	Flash Vaporization Glass Insert for Megabore (pk of 5)	
392611944	Flash Vaporization Glass Insert for Packed Col. (pk of 5)	
392543101	Insert, PWOC Injector. Allows installation of 0.53 µm columns	
392558891	Packed Column Adapter Kit for On Column, 1/8" SS Column	
392558301	Flash Vaporization Column Guide for 3800	

SCION SAMPLE VIALS & CAPS

2 ML VIALS & CAPS

- > SCION Qualified vials & Septa for 8400/8410/CTC/EST autosamplers.
- > Narrow neck to ensure septum closure.
- > White writing area for clear sample labeling.
- > Crimp or screw top caps.
- > Pre-slit septa to avoid septum damage.



P/N	Description	Quantity
41311000	Vial, 9-425 Screw Thread, 2mL Clear Glass 12x32mm Flat Base with Label.	100pcs/pk
41311001	Vial, 9-425 Screw Thread, 2mL Amber Glass 12x32mm Flat Base with Label.	100pcs/pk
41311002	Cap, Screw, Blue 9-425 Open Top Ribbed with 9mm Red PTFE/White Silicone Septa 1mm Thick.	100pcs/pk
41311003	Cap, Screw, Blue 9-425 Open Top Ribbed with 9mm Red PTFE/White Silicone Septa 1mm Thick PRE-SLIT.	100pcs/pk
41311004	Vial, Crimp, Wide Opening, 2mL Clear Glass Flat Base 11mm with Label.	100pcs/pk
41311005	Vial, Crimp, Wide Opening, 2mL Amber Glass Flat Base 11mm with Label.	100pcs/pk
41311006	Cap, Crimp, Open, SILVER 11mm with Red PTFE/ White Silicone Septa 1mm Thick.	100pcs/pk
41311007	Cap, Crimp, Open Top, CLEAR 11mm with Red PTFE/ White Silicone Septa 1mm Thick PRE-SLIT.	100pcs/pk



SCION SAMPLE VIALS & CAPS

10/20 ML HEADSPACE VIALS

- > SCION Qualified vials & Septa for Tekmar/CTC/EST samplers. 10 ml fits 8410.
- > 10- or 20-ml size.
- > Magnetic/ non-magnetic caps.
- > Crimp or Screw top caps.
- > 10ml vials fit 8410 Autosampler.



P/N	Description	Quantity
41311008	Vial, Crimp, Headspace, 20mL Clear Glass 22.5x75mm. 20mm Beveled Edge. Rounded-Flat Bottom.	100pcs/pk
41311009	Vial, Crimp, Headspace, 10mL Clear Glass 22.5x46mm. 20mm Beveled Edge. Rounded-Flat Bottom.	100pcs/pk
41311010	Cap, Crimp, Open Top Aluminum, 20mm (10mm hole) with 20mm Natural PTFE/White Silicone Septa 3mm Thick.	100pcs/pk
41311011	Cap, Crimp, Open Top Gold Magnetic, 20mm (10mm hole) with 20mm Natural PTFE/White Silicone Septa 3mm Thick.	100pcs/pk
41311012	Vial, Screw Top Headspace, 20mL Clear Glass 22.5*75mm.	100pcs/pk
41311013	Cap, Open Top Metal Screw, (8mm hole), 18mm Silver Color with 17.5mm Blue PTFE/White Silicone Septa 1.5mm Thick.	100pcs/pk



SCION SAMPLE VIALS & CAPS

40 ML EPA/TOC VIALS

- > SCION Qualified vials & Caps with septa for Purge & Trap
- > 40 ml with 3mm septum for a 100% no worries perfect seal.
- > Packaged includes vial & cap pre-assembled with dust cover to protect vials from dust and volatiles entering before sampling.
- > 72 pcs per box, vials with caps.

P/N	Description	Quantity
41311014	Cap, Screw, Open Top PP, 40mL 27.5x95mm Clear Glass EPA/TOC Vial 24-400 White with 22mm Natural PTFE/White Silicone 3.0mm thick Septa (EPA Quality) and Dust Cover.	72pcs/pk



SCION SAMPLE VIALS & CAPS

CRIMP TOOLS

- > The ideal crimp tools for 2-, 10- and 20-ml vials.
- > Cost effective manual crimpers.
- > Leak tight seal every time, for maximum sample integrity.

P/N	Description
99778700	Crimper for 11-mm crimp caps (2-mL vials)
99780400	Decapper for 11-mm crimp caps (2-mL vials)
392612019	Crimper for 20-mm crimp caps (10/20-mL vials)
190003617	Decapper for 20-mm crimp caps (10/20-mL vials)



SCION SEPTA

SCION BTO SEPTA

- > Bleed & temperature optimized BTO Septa; the choice for use with Mass Spec
- > Ultra low Bleed; Maximum operational temperature of 400°C.
- > Centerguide for easy penetration and minimized septum damage & artifacts.



P/N	Description	Diam. (mm)	CenterGuide	Quantity
CR298713	SCION BTO Septa with centerguide, 9 mm	9	Yes	pk/50
CR298705	SCION BTO Septa 3/8"	9.5	No	pk/50
CR298777	SCION BTO septa with centerguide 11.5mm	11.5	Yes	pk/50

SCION MARATHON SEPTA

- > Very low bleed, softer material, gentle on autosampler needles.
- > Longer lifetime; up to 400 injections without fail with autosampler.
- > Maximum operational temperature of 350°C.



P/N	Description	Diam. (mm)	CenterGuide	Quantity
CR239778	SCION Marathon Septa with CenterGuide, 9 mm.	9	Yes	pk/25
CR239787	SCION marathon Septa with CenterGuide, 11.5mm.	11.5	Yes	pk/25

SCION BTO SEPTA

- > Bleed & temperature optimized BTO Septa; the choice for use with Mass Spec
- > Ultra low Bleed; Maximum operational temperature of 400°C.
- > Centerguide for easy penetration and minimized septum damage & artifacts.



P/N	Description	Diam. (mm)	CenterGuide	Quantity
CR246713	SCION Advanced Green Septa with CenterGuide, 9 mm.	9	Yes	pk/50
CR246124	SCION Advanced Green Septa 3/8".	9.5	No	pk/50
CR246725	SCION Advanced Green Septa with CenterGuide 11.5mm.	11.5	Yes	pk/50

SCION AUTOSAMPLER SYRINGES

SYRINGES FOR 8400/8410 AUTOSAMPLER

- > SCION Qualified Syringes for fitting 84X0 Series autosamplers.
- > 5-250 µl for liquid, Large Volume Injections (LVI) and gas injections (Headspace).
- > 50 mm needle length, scale suitable for SCION Inlets.
- > Conical point style to minimize septum damage, and plasticizer background.
- > 23 Gauge needles available for sturdier needles minimizing bent needles.
- > Gastight versions available.



P/N	Description	Vol. (µl)	Gauge	GT?	P.S.
41312129	5 UL fixed needle syringe with 5 cm 0.63 mm OD 23g cone tipped needle	5	23	–	Conical
41312130	5 UL fixed needle syringe with 5 cm 0.47 mm OD 26g cone tipped needle	5	26	–	Conical
41312131	10 UL fixed needle syringe gastight 5 cm 0.47 mm OD 26g cone tipped needle pk/6	10	26	GT	Conical
41312132	10 UL fixed needle syringe 5 cm 0.63 mm OD 23g cone tipped needle	10	23	–	Conical
41312133	10 UL fixed needle syringe 5 cm 0.47 mm OD 26g cone tipped needle	10	26	–	Conical
41312134	10 UL fixed needle syringe 5 cm 0.47 mm OD 26g cone tipped needle pk/6	10	26	–	Conical
41312135	10 UL fixed needle syringe gastight 5 cm 0.63 mm OD 23g cone tipped needle	10	23	GT	Conical
41312136	10 UL fixed needle syringe gastight 5 cm 0.47 mm OD 26g cone tipped needle	10	26	GT	Conical
41312137	25 UL fixed needle syringe gastight 5 cm 0.63 mm OD 23g cone tipped needle	25	23	GT	Conical
41312138	50 UL fixed needle syringe gastight 5 cm 0.63 mm OD 23g cone tipped needle	50	23	GT	Conical
41312139	100 UL fixed needle syringe gastight 5 cm 0.63 mm OD 23g cone tipped needle	100	23	GT	Conical
41312140	250 UL fixed needle syringe gastight 5 cm 0.63 mm OD 23g cone tipped needle	250	23	GT	Conical

SCION LC6000 SPARES & CONSUMABLES



SCION LC6000 SPARES & CONSUMABLES

6510 ORGANISER

The following section details all spares and consumables for the SCION Instruments 6510 Organiser. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20200016	Interface Control Board
LC20210216	Fuse
LC20210205	Power Switch
LC20210218	Communication Board for CAN Bus
LC20210219	CAN Bus Monitor
LC20200016	SCION eLine-USB Interface Board
LC20210212	Leak Sensor
LC20210163	2m Power Cord
LC20210221	LED Light Board
LC20210280	Mobile Phase Bottle GL45 (cap not included)
LC20210281	Mobile Phase Cap 2 Port GL45
LC20210283	Mobile Phase Cap 3 Port GL45
LC21000006	Low-Pressure Slip-On Inlet Filter for Mobile Phase
LC20210282	PTFE Tubing 1/8" 3M
LC20210285	PEEK Finger Tight Fittings 1/8", Pack of 10



LC20210280



LC20210281



LC20210282



LC21000006



LC20210285



LC20210283

SCION LC6000 SPARES & CONSUMABLES

6410 ULTRA-VIOLET DETECTOR (continued on next page)

The following section details all spares and consumables for the SCION Instruments 6410 UV Detector. All parts are supplied in quantities of one unless specified.

P/N	Description	P/N	Description
LC20210162	Fuse (3A)	LC20210177	Electrical motor
LC20210163	2m Power Cord	LC20210178	Synchronizing belt
LC20210164	Cable for CAN Connection	LC20210179	Mainboard
LC20210165	Screw Driver	LC20210180	Lithium battery for mainboard
LC20210166	D2 Lamp	LC20210181	Power source for D2 lamp
LC20210167	Mirror	LC20210182	Power switch\PS-65-24\24V
LC20210168	Mirror with Plate	LC20210183	Power switch\PD-45A\5V 12V
LC20210169	Mirror Rotator	LC20210184	Preposition plate (sample)
LC20210170	Optical Coupler	LC20210185	Preposition plate (reference)
LC20210171	Optical Filter	LC20210186	Pellicle Mirror
LC20210172	Stepping Motor	LC20210187	Flow cell
LC20210173	Flange	LC20210188	Quartz cell
LC20210174	Grating Rotor Assy.	LC20210189	Nut for flow cell
LC20210175	Concave Grating	LC20210190	Seal for flow cell (PTFE+SS)
LC20210176	Optical Coupler (wavelength)	LC20210191	PTFE tubing (ID 0.33mm OD 1.5mm, 2m length)



LC21000005



LC21000005

SCION LC6000 SPARES & CONSUMABLES

6410 ULTRA-VIOLET DETECTOR (continued)

The following section details all spares and consumables for the SCION Instruments 6410 UV Detector. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20210192	PTFE tubing (ID 0.25mm OD 1.5mm 1.15m length)
LC20210193	PVC tube (Black) $\phi 3 \times 0.3 \times 2360$
LC20210194	SS tubing\U-131 1M, 1/16", 0.007" ID
LC20210195	Nut 1/16"
LC20210196	Connector 1/16"
LC20210197	PEEK screw for column end
LC20210198	Union U-437 for connecting other detector
LC20210201	Connectors for waste
LC20210214	LED belt board
LC20210215	LED Light board
LC21000001	PEEK Tubing Red Stripe, 1/16th 0.005ID, 10M
LC20210282	PTFE Tubing 1/8" OD, 3M
LC21000005	Clean Cut Tubing Cutter



LC21000001



LC20210282



SCION LC6000 SPARES & CONSUMABLES

6430 DIODE ARRAY DETECTOR (continued on next page)

The following section details all spares and consumables for the SCION Instruments 6430 Diode Array Detector.
All parts are supplied in quantities of one unless specified

P/N	Description
LC20200033	Thermo cell for 6430 DAD, with thermo function. Flow Cell control unit for 6430 is required.
LC20200034	HP SM Flow cell unit for 6430 DAD, Flow Cell (path: 5mm, vol: 3.2µl, pressure: 14.7MPa)
LC20200035	Preparative Flow cell unit for 6430 DAD, Flow Cell (path: 0.5mm, vol: 9.8µl, pressure: 1.0MPa)
LC20200036	Flow cell unit for 6430, Standard accessory for 6430 DAD. Without thermo function.
LC20200037	Thermo Cell control unit for 6430 DAD. Necessary for Thermo Cell for 6430
LC20200038	Semi-micro flow cell unit for 6430 DAD, Flow Cell (path: 5mm, vol: 3.2µl, pressure: 1.0MPa)
LC20210091	WINDOW PLATE
LC20210092	PACKING 7.8X2.4
LC20210093	LENS SR7
LC20210094	HALOGEN LAMP (20W)
LC20210095	HPSM SPACER(2)
LC20210096	DA CABLE 2 ASSY
LC20210097	INV24 PI ASSY
LC20210098	DC FAN
LC20210099	FILTER MOTOR
LC20210100	SOLENOID
LC20210101	F CELL CIRCUIT BOARD
LC20210102	DDAGR CIRCUIT BOARD
LC20210103	DAD WI2 CIRCUIT BOARD ASSY

P/N	Description
LC20210104	DAD3 CIRCUIT BOARD ASSY
LC20210105	DAD3RPU CIRCUIT BOARD ASSY
LC20210106	DAD3ADU CIRCUIT BOARD ASSY
LC20210107	UNION
LC20210108	HG LAMP
LC20210109	INLET TUBE
LC20210110	DRAIN TUBE
LC20210111	THERMOSTATIC INRET TUBE
LC20210112	SEMI-MICRO INLET TUBE
LC20210113	SEMI-MICRO DRAIN TUBE
LC20210114	PREPARATIVE INLET TUBE
LC20210115	PREPARATIVE DRAIN TUBE
LC20210116	SHUTTER MIRROR N4 ASSY
LC20210117	SHUTTER N4 ASSY
LC20210118	CELL PROTECTION COVER (10)
LC20210119	TOROIDAL MIRROR 2 ASSY
LC20210120	TOROIDAL MIRROR 2 SUB ASSY
LC20210121	GRATING SUB ASSY
LC20210122	S SHUTTER SHAFT
LC20210123	ARRAY DETECTOR
LC20210124	SLIT ASSY
LC20210125	D2 LAMP (SEE-THROUGH)
LC20210126	D2 POWER SUPPLY
LC20210127	D2 HOUSE PIN ASSY
LC20210128	PACKING
LC20210129	PACKING

SCION LC6000 SPARES & CONSUMABLES

6430 DIODE ARRAY DETECTOR (continued)

The following section details all spares and consumables for the SCION Instruments 6430 Diode Array Detector. All parts are supplied in quantities of one unless specified

P/N	Description
LC20210130	TOROIDAL MIRROR 1 ASSY
LC20210131	TOROIDAL MIRROR 1 SUB ASSY
LC20210132	W LAMP HOUSE
LC20210133	FILTER LB-40
LC20210134	CIRCULAR MIRROR
LC20210135	CELL TARGET TOOL
LC20210136	CELL BASE T ASSY
LC20210137	IN TUBE D ASSY
LC20210138	INLET TUBE WITH THERMOSTAT
LC20210139	SHOULDER SCREW B
LC20210140	SHUTTER MIRROR N ASSY
LC20210141	SHUTTER SOLENOID N ASSY
LC20210142	S SHUTTER SHAFT U3
LC20210143	CELL NP2
LC20210144	SOLENOID FIXTURE N4
LC20210145	RUBBER PLATE N4
LC20210146	MALE SCREW
LC20210155	TAPER BUSHING
LC20210156	FITTING
LC20210157	CONNECTING PIPE (SUS)
LC20210158	CONNECTING PIPE (SUS COATED)
LC20210159	LEAK SENSORS
LC21000001	PEEK Tubing Red Stripe, 1/16th 0.005ID, 10M
LC21000004	PEEK Column Connectors, Pack of 10
LC21000005	Clean Cut Tubing Cutter



LC21000001



LC21000005



LC21000004



LC20210125

SCION LC6000 SPARES & CONSUMABLES

6440 FLUORESCENCE DETECTOR

The following section details all spares and consumables for the SCION Instruments 6440 Fluorescence Detector. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20210147	XENON LAMP 150W
LC20210148	XENON LAMP 150W L2175-04
LC20210149	L-2480 HG LAMP
LC20210150	L-2480 OUTLET TUBE
LC20210151	FLOW CELL HM(12uL)
LC20210152	INLET TUBE
LC20210153	TIMELAG FUSE 215005XP
LC20210154	FERRULE FRONT
LC20210254	FL_CNT2 substrate
LC20210255	FL_REA substrate
LC20210256	FL_AD substrate
LC20210257	L_PANEL substrate
LC20210258	INV24 PI assembly
LC20210259	F_CEL substrate
LC20210260	Power XB4-150HX
LC20210261	Power-pack (DC24V 50W)
LC20210262	Time-lag fuse 218005XP
LC20210263	Filter motor assembly
LC20210264	Font interrupter
LC20210265	Photomultiplier R3788
LC20210266	Photomultiplier R928F(For detecting fluorescent wavelength of 731 nm or longer)
LC20210267	EXPD code assembly
LC20210268	EXWL motor assembly
LC20210269	EMWL motor assembly
LC20210270	FL flow-cell (N) assembly

P/N	Description
LC20210271	FL flow-cell (TC) assembly
LC20210272	Xenon Lamp L13465
LC20210273	Xenon Power Supply XB4-150HX2
LC20210275	Main circuit board
LC20210276	Cooling Fan PUDC24H4R
LC20210277	Cooling Fan 109R0824G402
LC20210278	MIRROR AD ASSY
LC20200040	Flow Cell Unit for SCION 6440, Standard accessory for FL detector. No thermo function
LC20200041	Analog signal output for 6440 FL Detector. 1-channel Analogue output option
LC21000001	PEEK Tubing Red Stripe, 1/16th 0.005ID, 10M
LC21000005	Clean Cut Tubing Cutter
LC20210282	PTFE Tubing 1/8" OD, 3M



LC20210282



LC20210147

SCION LC6000 SPARES & CONSUMABLES

6450 REFRACTIVE INDEX DETECTOR

The following section details all spares and consumables for the SCION Instruments 6450 Refractive Index Detector. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20210222	RI-201H Refractive Index Detector Operator's Manual
LC20210223	Solenoid Valve Assembly
LC20210224	Flow Cell Assembly for RI-201H
LC20210226	Inlet Tube set
LC20210227	Inlet Joint
LC20210228	Outlet Joint
LC20210229	Lamp Assembly
LC20210230	Lamp Assembly
LC20210231	Motor Assembly
LC20210232	Limit Switch Assembly
LC20210233	Photo Sensor Assembly
LC20210234	Heater Set (Internal)
LC20210235	Heater Set (External)
LC20210236	I/V Circuit Board for RI-201H
LC20210237	I/V Circuit Board for RI-201

P/N	Description
LC20210238	Leak Sensor Board
LC20210239	Measurement Board
LC20210240	Keyboard Unit
LC20210241	Power Switch
LC20210242	Switching Regulator
LC20210243	Power Cable(125V)
LC20210244	Power Cable(250V)
LC20210245	Power Cable(250V) CHN
LC20210246	Fuse
LC20210247	Signal Cable
LC20210248	IN Tube Set
LC20210249	Out Tube Set
LC20210250	Drain Tube Set
LC20210251	Accessory Kit (125V)
LC20210252	Accessory Kit (250V)
LC20210253	RI-200 Series Packaging set



SCION LC6000 SPARES & CONSUMABLES

6310 COLUMN OVEN

The following section details all spares and consumables for the SCION Instruments 6310 Column Oven. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20210162	Fuse (3A)
LC20210205	Power Switch
LC20210206	Mainboard for Column Oven
LC20210207	Temperature Control Module
LC20210208	Heating Probe
LC20210209	Thermocouple
LC20210210	Thermocouple - prevent overheating
LC20210211	Peltier
LC20210212	Leak Sensor
LC20210163	2m Power Cord
LC20210214	LED Belt Board
LC20210215	LED Light Board
LC21000002	PEEK Tubing Blue Stripe, 1/16" 0.010ID, 10M
LC21000004	PEEK Connectors, Pack of 10
LC21000005	Clean Cut Tubing Cutter
LC20210284	Column Plug PEEK 1/4", Pack of 3



LC21000001



LC21000005



LC21000004



LC20210284

SCION LC6000 SPARES & CONSUMABLES

6210/6220 AUTOSAMPLER (continued on next page)

The following section details all spares and consumables for the SCION Instruments 6210/6220 Autosamplers. All parts are supplied in quantities of one unless specified.

P/N	Description	P/N	Description
LC20200025	Sample rack (Microplate x 3) for 6220 AS with cooling unit. Microplate is not included.	LC20210048	SPRING
LC20200026	Sample rack (4mL x 128) for 6220 AS	LC20210049	SLIDE SHAFT (Z)
LC20200027	0.5mL syringe kit for AS including syringe and piping	LC20210050	Z BASE(T)
LC20200028	1.0mL syringe kit for AS including syringe and piping	LC20210051	SLIDER(CUP)
LC20200029	Sample rack (Microplate x 3) for AS. Microplate is not included.	LC20210052	PIPE IV6 (0.1ML)
LC20200030	Sample rack (4mL x 128) for AS	LC20210053	HEAT INSULATION PACKING
LC20200031	THF kit for 62X0, with Injection port seal (Vespel), syringe valve seal (Vespel) and parts.	LC20210054	SCREW L-2200 COOL RACK M4X12
LC20200032	Low Dispersion Piping Kit for AS, Semi-micro Mixer, Sample loop (33µL), AS-Column Pipe (0.1mmI.D.SUS)	LC20210055	INJECTION VALVE STATOR U (D)
LC20210038	RACK	LC20210056	INJECTION VALVE SEAL U (V)
LC20210039	SOLVENT FILTER	LC20210057	INJECTION VALVE STATOR U
LC20210040	TRAY(Y)2	LC20210058	INJECTION VALVE ROTOR SEAL U
LC20210041	NEEDLE SLEEVE	LC20210059	SYRINGE U (0.1ML)
LC20210042	FINGER GUARD	LC20210060	NEEDLE U
LC20210043	PIPE2	LC20210061	INJECTION PORT SEAL U
LC20210044	SHUTTER	LC20210062	REPLACEMENT PARTS KIT A FOR 6210
LC20210045	SYRINGE VALVE STATOR	LC20210063	REPLACEMENT PARTS KIT B FOR 6210
LC20210046	SYRINGE VALVE SEAL	LC20210064	POWER SOURCE (150/12)
LC20210047	GUIDE	LC20210065	SENSOR CORD ASSY
		LC20210066	Z MOTOR ASSY
		LC20210067	Z MOTOR CABLE ASSY
		LC20210068	REAR FAN CORD ASSY
		LC20210069	CORD ASSY X-PI
		LC20210070	CORD ASSY Y-PI
		LC20210071	CORD ASSY Z-PI

SCION LC6000 SPARES & CONSUMABLES

6210/6220 AUTOSAMPLER (continued)

The following section details all spares and consumables for the SCION Instruments 6210/6220 Autosamplers. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20210072	CORD ASSY CUP-PI
LC20210073	CORD ASSY SYR-PI
LC20210074	CORD ASSY IV-PI
LC20210075	CORD ASSY SV-PI
LC20210076	CORD ASSY FAN3
LC20210077	CORD ASSY FAN4
LC20210078	CORD ASSY FAN1
LC20210079	PELTIER (AS) ASSY
LC20210080	SENSOR CABLE ASSY
LC20210081	CIRCUIT BOARD ASSY ASC2
LC20210082	CIRCUIT BOARD ASSY ASR2
LC20210083	RACK(C-200)DI ASSY
LC20210084	PL-W TUBE ASSY
LC20210085	DG TUBE THF
LC20210086	SYRINGE DRAIN ASSY
LC20210087	WIRING COVER (310)
LC20210088	FFC CABLE
LC20210089	TIME RAG FUSE 2153 15XP
LC20210090	SCREW M4
LC21000002	PEEK Tubing Blue Stripe, 1/16th 0.010ID, 10M
LC21000003	PEEK Tubing Orange Stripe, 1/16th 0.020ID, 3M
LC21000004	PEEK Connectors, Pack of 10
LC21000005	Clean Cut Tubing Cutter
41311000	Clear Glass 2mL Vials, Screw Thread
41311001	Amber Glass 2mL Vials, Screw Thread
41311002	Screw Cap with 9mm Red PTFE/Sil Septa, Pack of 100
41311003	Screw Cap with 9mm Red PTFE/Sil Septa Pre-Slit, Pack of 100



LC21000002



LC21000003



LC21000005



LC21000004



LC20210055



LC20210046



LC20210061



LC20210045



LC20210058



LC20210041



41311000



41311001

SCION LC6000 SPARES & CONSUMABLES

RHEODYNE MANUAL INJECTOR, 7725I

The following section details all spares and consumables for the Rheodyne Manual Injector. All parts are supplied in quantities of one unless specified.

P/N	Description
LC27000001	Rheodyne® Manual Injector, 7725i
LC27755020	SS Sample Loop 5 µl for Rheodyne 7725i
LC27755021	SS Sample Loop 10 µl for Rheodyne 7725i
LC27755022	SS Sample Loop 20 µl for Rheodyne 7725i
LC27755023	SS Sample Loop 50 µl for Rheodyne 7725i
LC27755024	SS Sample Loop 100 µl for Rheodyne 7725i
LC27755025	SS Sample Loop 200 µl for Rheodyne 7725i
LC27755026	SS Sample Loop 500 µl for Rheodyne 7725i
LC27755027	SS Sample Loop 1 ml for Rheodyne 7725i
LC27755028	SS Sample Loop 2 ml for Rheodyne 7725i
LC27755029	SS Sample Loop 5 ml for Rheodyne 7725i
LC27000001M	Mounting Bracket for Rheodyne Manual Injector



LC27000001



LC27755020



LC27000001M



SCION LC6000 SPARES & CONSUMABLES

6100 PUMP (continued on next page)

The following section details all spares and consumables for the SCION Instruments 6100 Pump. All parts are supplied in quantities of one unless specified.

P/N	Description
LC20200019	Dynamic Mixer, 2000µL,
LC20200020	Semi-micro Mixer, 200µL (Filter mixer), for Semi-micro(0.4ml/min. or less)
LC20200021	Conventional Mixer, 700µL (static mixer), for conventional (0.4-1.8ml/min) use. Standard accessory for LPG Unit
LC20200022	THF kit (when THF is used as mobile phase)
LC20200024	Hexane Check Valve Set with check Valve(IN/OUT) and plunger seal(2pcs)
LC20200004	Plunger Washing Pump for 6100
LC20210024	Hexane Check Valve Set
LC20210286	FILTER (10)
LC20210001	DRAIN VALVE SHAFT ASSY
LC20210002	DRAIN VALVE PACKING
LC20210003	PLUNGER
LC20210004	PACKING
LC20210005	CHECK VALVE
LC20210006	Packing
LC20210007	SEAL
LC20210008	CLEANER SEAL
LC20210009	DRAIN VALVE SEAL
LC20210010	PUMP SEAL 4
LC20210011	PACKING(PEEK)
LC20210012	PACKING 1.8(ET-C)B
LC20210014	Periodical Replacement Parts Kit AM
LC20210015	M-R(80) CABLE
LC20210016	APV MOTOR 1 ASSY
LC20210017	APV MOTOR 2 ASSY
LC20210018	PI CABLE5 ASSY
LC20210019	P SENSOR (70M) L ASSY



LC20210021



LC20200024



LC20210286



LC20210002



LC20210010

SCION LC6000 SPARES & CONSUMABLES

6100 PUMP (continued)

The following section details all spares and consumables for the SCION Instruments 6100 Pump.
All parts are supplied in quantities of one unless specified.

P/N	Description
LC20210020	CIRCUIT BOARD ASSY PUMP6C
LC20210021	CHECK VALVE IN
LC20210022	FRONT COVER (MIXER)
LC20210025	PUMP RADIATION PLATE
LC20210026	PLATE FOR PLUNGER WASHING PUMP
LC20210027	PUMP HEAD HP1
LC20210028	PUMP HEAD HP2
LC20210029	CHOPPER
LC20210030	CLEANING MECHANISM L ASSY
LC20210279	Check Valve Out
LC20210031	M700 FILTER(P)
LC20210032	VALVE BODY(OUT)
LC20210033	VALVE BODY(IN)
LC20210034	PLUNGER SEAL
LC20210035	CARTRIDGE FOR HEXANE
LC20210036	DEGASSING UNIT(H)
LC20210037	PLASTIC SYRINGE 5CC
LC21000003	PEEK Tubing Orange Stripe, 1/16th 0.020ID, 3M
LC21000004	PEEK Connectors, Pack of 10
LC21000005	Clean Cut Tubing Cutter

SCION LC6000 SPARES & CONSUMABLES

CABLES

The following section details the part numbers and description for replacement / spare cables.

P/N	Description
LC20200042	e-Line Cable 50
LC20200043	e-Line Cable 80
LC20200044	e-Line Cable 200
LC20200045	e-DIO Cable
LC20200046	e-DIO Cable (M4)
LC20200047	e-DIO Cable (M3)

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