

2021		Moolap Scientific P/L	Price
MOOSCI P/No.	OEM P/N°	Parts for Thermo Element 2 , XR and Neptune	A \$
SILQ-50-A0.5		MEINHARD SILQ+ Ultra High Purity quartz nebulizer, PFA fittings, uptake 0.5mL/min, 1mL/min@50 psi	990
TQP-50-A0.5		MEINHARD TQ+ quartz nebulizer, high sensitivity, nominal uptake 0.5mL/min, 1L/min @ 50psi	640
TQ-30-A0.5		MEINHARD Type A concentric quartz nebulizer, high sensitivity, nom. uptake 0.5mL/min, 1L/min @ 30psi	470
TQ-30-A1	1110720	MEINHARD Type A quartz nebulizer, high sensitivity, nom. uptake 1mL/min, 1L/min @ 50psi	590
TQ-50-A0.5		MEINHARD Type A concentric quartz nebulizer, high sensitivity, nom. uptake 0.5mL/min, 1L/min @ 50psi	590
TQ-50-A1		MEINHARD Type A quartz nebulizer, high sensitivity, nom. uptake 1mL/min, 1L/min @ 50psi	590
TR-50-A0.5		MEINHARD Type A glass nebulizer, hi sensitivity, nom. uptake 0.5mL/min, 1L/min @ 50psi	470
TR-50-A1		MEINHARD Type A glass nebulizer, hi sensitivity, nom. uptake 1mL/min, 1L/min @ 50psi	470
TRP-50-A0.5		MEINHARD TR+ glass nebulizer, high sensitivity, nom. uptake 0.5mL/min, 1L/min @ 50psi	590
TR-30-A0.5		MEINHARD Type A glass nebulizer, general purpose, nom. uptake 0.5mL/min, 1L/min @ 30psi	470
TR-30-A1		MEINHARD Type A glass nebulizer, general purpose, nom. uptake 1mL/min, 1L/min @ 30psi	470
8100-2051	PRL-02	'PEARL' Cleaning Device for ALL types of concentric glass and quartz nebulizers	295
PRG-01		'PERGO' argon humidifier, suits ALL nebulizers, based on hi-tech membrane permeation	1490
ME2040		PFA-ST HF-resistant concentric Nebulizer, with detachable 400uL/min sample uptake tube	1370
ME4040		PolyPro-ST self-aspirating nebulizer with external 1/8-28 threaded connector, nom. uptake 400uL/min.	720
F4		Argon quick-connect for Meinhard nebulizers with PFA press-fit for 4mm tubing.	70
F4-52		Element/Neptune ICPMS nebulizer gas quick-connect with PFA press-fit for 4mm tubing	75
2550-2020	ES-2020-0002	HF-resistant MicroFlow PFA Concentric Nebulizer, 20 ul/min uptake version	1470
2550-2000	113 5450	HF-resistant MicroFlow PFA Concentric Nebulizer, 50 ul/min uptake version, ES-2000-0002	1390
2550-2001	ES-2001-0002	HF-resistant MicroFlow PFA Concentric Nebulizer, 75 ul/min uptake version	1370
2550-2002	ES-2002-0002	HF-resistant MicroFlow PFA Concentric Nebulizer, 100 ul/min uptake version	1370
2550-2003	ES-2003-0002	HF-resistant MicroFlow PFA Concentric Nebulizer, 200 ul/min uptake version	1370
2550-2005	ES-2005-0002	HF-resistant MicroFlow PFA Concentric Nebulizer, 400 ul/min uptake version	1370
2000-0100-080	ES-2000-0100-080	PFA-50 MicroFlow nebulizer with PEEK autosampler probe	1670
2002-0100-080	ES-2002-0100-080	PFA-100 MicroFlow nebulizer with PEEK autosampler probe	1670
2550-2028	ES-4040	PolyPro-ST HF-resistant concentric Nebulizer, with detachable sample uptake tube	720
2550-2024-APEX	ES-2002-7000	PFA-100-APEX HF-resistant concentric Nebulizer for use with APEX	1430
2550-2024	ES-2040	PFA-ST HF-resistant concentric nebulizer, detachable sample tube (specify uptake when ordering)	1370
2550-2027-Aridus	ES-2040-0009	PFA-ST-Aridus HF-resistant concentric Nebulizer for use with Aridus, with detachable sample tube	1430
EP-2046-0011	ES-2046-0001	Silica Fibre Obstruction Removal Kit for PFA-ST and PolyPro-ST concentric nebulizers	145
2550-2045	ES-2045	Detachable sample capillary tube, ID = 0,15mm., red marker, nominal uptake 20 ul/min.	110
2550-2043	ES-2043	Detachable sample capillary tube, ID = 0,20mm., purple tag, nominal uptake 50 ul/min.	110
EP-2041-0754	ES-2041-0754	Detachable sample capillary tube, ID = 0,25mm., nominal uptake 75 ul/min.	110
2550-2042	ES-2042	Detachable sample capillary tube, ID = 0,25mm., green tag, nominal uptake 100 ul/min.	110
2550-2047	ES-2047	Detachable sample capillary tube, ID = 0,30mm., yellow tag, nominal uptake 200 ul/min.	110
2550-2041	ES-2041	Detachable sample capillary tube, ID = 0,50mm., orange tag, nominal uptake 400 ul/min.	110
2550-2044	ES-2044	Detachable sample capillary tube, ID = 0,50mm., blue tag, nominal uptake 700 ul/min.	110
2550-2049	ES-2049	Detachable sample capillary tube, ID = 0,50mm., grey tag, nominal uptake 1000 ul/min.	110
3150-0710		Teflon Burgener MiraMist Parallel-Path Nebulizer for Thermo Element ICPMS	1370
3150-0720	PMM4000	PEEK Burgener MiraMist Parallel-Path Nebulizer for Thermo Element ICPMS	1250
		Capillaries with integrated probes - available for all common autosamplers	
	NOTE :	Meinhard, MOOSCI, EPOND and ESI HF-resistant spray chambers are free of internal coatings	
EP-3152-1018	ES-3152-1018	Baffled Quartz Cyclonic Spray Chamber, RS13/5 output, suits PC3	785
2085-0265		'Electron' glass Mini-Cyclonic Spray Chamber, RS13/5 output, 4mm drain	690
2085-0265Q	ES-3453-1108-09	Quartz 'Electron' Mini-Cyclonic Spray Chamber, RS13/5 output	845
2085-0267Q	ES-3453-1118-09	Quartz 'Positron' Baffled Mini-Cyclonic Spray Chamber, RS13/5 output	845
2085-0170		Element 2 Water Cooled Pyrex Spray Chamber	995
2052-0300		PTFE End-Cap 35/6-mm Adaptor for Scott-type spray chamber	320
2085-0180	ML185018	Jacketed Quartz double-pass Spray Chamber, for Element 2, ML185018	895
EP-4157-1000	ES-4157-1000	ESI 'PC3' Peltier-cooled Quartz Spray Chamber, with 12-Volt DC Power Supply	3980
EP-3152-1111-16	ES-3152-1111-16	Quartz O-ring free baffled cyclonic spray chamber, auxiliary gas port. For PC3 Cooler and ESI injector.	870
EP-9100-5400	ES-9100-5400	'PC3-LT' Peltier-cooled Quartz Spray Chamber, low - temp. version (-20 deg. C.)	5590
EP-4152-1111-2	ES-4152-1111-2	ESI 'PC3-SS' Enhanced-Stability Peltier-cooled Quartz Chamber, with Power Supply	6760
ES-5510-PFA	ES-5510-PFA	PFA ESI spray chamber outlet to RS12/5 adapter	165
EP-2100-5471	ES-2100-5471	ESI 47mm PFA Spray Chamber and PureCap endcap	1590

EP-1002-1000	ES-1002-1000	O-ring free Precision Demountable Quartz torch	470
ML185025	ES-1001-0002	Quartz Insulator Ring, L = 60 mm., EP#2085-0260, Finnigan P/No. 1136500	120
EP-1024-1100	ES-1024-1100	Quartz Injector with PFA base, O-ring-free, ID = 1,0 mm	475
EP-1024-1150	ES-1024-1150	Quartz Injector with PFA base, O-ring-free, ID = 1,5 mm	475
EP-1024-1200	ES-1024-1200	Quartz Injector with PFA base, O-ring-free, ID = 2,0 mm (ES-1024-1180 equivalent)	475
EP-1101-3107	ES-1101-3107	O-ring-free Platinum Shield Disc for ESI injector - extends PFA base lifetime	320
EP-1043-1200		Aumina Injector with PFA base, O-ring-free, ID = 2,0 mm	530
EP-1003-0000		Sapphire Injector with PFA base, O-ring-free, ID = 1,0 or 1,8 mm	1290
EP-1013-0000		Platinum Injector with PFA base, O-ring-free, ID = 1,8 or 2,0 mm	2285
EP-2085-1002	ES-1002	CD-type standard Element 2 / Neptune quartz torch (Thermo P/No. 1091250)	395
2085-2100	1122800	Demountable Qz Injector for torch tube # 2085-0120, O-ring ball joint, ML185042, ID=1,8mm	535
EP-1001	ES-1001	Torch Bonnet, quartz, L = 26 mm.	135
2045-0492		RS13/5 Female connector with 4-mm tube termination	135
2085-0120	1091250	Standard Element II Demountable Torch, OEM Replacement, ES-1002	395
2085-0130		Injector kit - polymer base with Quartz Injector #2085-0140, Knurled external ring and RS12/5 ball joint	380
2085-0140		Quartz Injector tube for use with Demountable Torch Base #2085-0130, ID=1,8mm	250
EP-1003-0100	ES-1003-0100	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 1.0 mm	1100
EP-1003-0160	ES-1003-0160	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 1.6 mm	1100
EP-1003-0180	ES-1003-0180	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 1.8 mm	1100
EP-1003-0300	ES-1003-0300	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 3.0 mm	1100
EP-1024-0100	ES-1024-0100	Quartz Injector with PFA base, with O-rings, ID = 1,0 mm	490
EP-1024-0150	ES-1024-0150	Quartz Injector with PFA base, with O-rings, ID = 1,5 mm	490
EP-1024-0180	ES-1024-0180	Quartz Injector with PFA base, with O-rings, ID = 1,8 mm	490
EP-1013-0100	ES-1013-0100	ESI Platinum Injector for CD-type torch, I.D. = 1.0 mm, Thermo # 1184190	2690
EP-1013-0150	ES-1013-0150	ESI Platinum Injector for CD-type torch, I.D. = 1.5 mm	2690
EP-1013-0200	ES-1013-0200	ESI Platinum Injector for CD-type torch, I.D. = 2.0 mm, Thermo # 1092000	2690
ML185040	ES-1023-0100	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 1.0 mm, with 12/5 ball joint	520
ML185041	ES-1023-0150	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 1.5 mm, with 12/5 ball joint	520
ML185042	ES-1023-0200	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 1.8 mm, with 12/5 ball joint	520
ML185043	ES-1023-0200	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 2.0 mm, with 12/5 ball joint	520
2085-0310		Pyrex Ball/Socket Elbow at 30 degrees	75
2085-0320		Quartz Ball/Socket Elbow, at 30 degrees	95
EP-4399-2002-51	ES-4399-2002-51	Quartz 'S-Adaptor' for adjusting height of Apex – torch connection	265
EP-5445-4448	ES-1001-0004	Platinum torch guard shield, Length= 84 mm., Pt ring diam 20 mm., # 1126640, # MC-26640	890
MOOSCI P/No.	OEM P/N°	DESCRIPTION of ICP-MS DETECTOR	A \$
MC-22600	1022600	Element 1 Electron Multiplier Detector, MC-SEV-ICP	4970
MC-14170	1114170	Element 2 Electron Multiplier Detector, MC-SEV-ICP (Type 1, prior - March 2004)	4390
MC-52700	1152700	Element 2 Electron Multiplier Detector, MC-SEV-ICP (Type 2, post - March 2004)	4470
EP-1152700	1152700	Element XR Electron Multiplier Detector, MC-SEV-ICP	4430
MC-AF150HM9		Mat262 Neptune and Triton detector, replacement for MC-AF180H	3490
MOOSCI P/No.	OEM P/N°	DESCRIPTION of CONES	A \$
MC-44530-AI	1044530-AI	Aluminium Sampler Cone, ES-3000-1803, for Element 2 and Neptune	380
MC-44530	1044530	100% Nickel Sampler, ES-3000-1802, for Element 2 and Neptune	390
MC-60630	1260630	Ni Jet Sampler cone for Finnigan Neptune	695
1044520	1044520	Nickel Sampler with Cu Core, ES-3000-1801	455
MC-67600-AI	1067600-AI	Aluminium Skimmer cone, ES-3000-1805	265
MC-67600	1067600	Nickel skimmer cone (H) for Thermo Finnigan, ES-3000-1812	290
MC-42160	1142160	Nickel X-Skimmer cone, ES-3000-1820	295
ES-3000-1806		Platinum sampler cone with Cu base, for Thermo Finnigan	2590
ES-3000-1807	1067500	Platinum sampler cone with Cu base and 6,4mm Pt insert, MC-67500	2275
ES-3000-1808	1067501	Platinum sampler cone with 100% Ni base for Thermo Finnigan, MC-67501	3070
MC-47460	1047460	Platinum skimmer (H) with 100% Ni base and 6mm Pt insert, ES-3000-1809	2270
ES-3000-1822	1142151	Platinum X-skimmer cone, for Thermo Finnigan	1790
T1007-Pt	1047510	Platinum Skimmer, Ni base, 7,6-mm Pt insert, ES-3000-1811	2590
T1007-Pt/Cu	1047510	Platinum Skimmer, Cu base, 7,6-mm Pt insert, ES-3000-1810	2590
T1007X-Pt	1142150	Platinum X-series Skimmer Cone, MC-42150	1770
T5001	1042620	Quantity 4 of, Graphite Gasket for Sampler cones, Thermo # 1042620	32
MC-25680	1125680	Platinum long-life Guard Electrode, for Element 1	1195
EP-5445-4448	1126640	Platinum torch guard shield, Length (total) = 84 mm., for Element 2 and Neptune, MC-26640	1195
MOOSCI P/No.		RF Load Coils and other accessories	A \$
ES-2999-5220-SN	1139230	RF Load Coil for Thermo Element/Neptune, SEREN generator, includes fittings, MC-39230	390

ES-2999-5220-RP	1110780	RF Load Coil for Thermo Element/Neptune, RFPP generator, includes fittings, MC-10780	390
ES-4309-2300	ES-4309-2300	Apex peristaltic pump module – replacement part	955
ES-4399-9200	ES-4399-9200	Apex DC power supply	345
ES-4399-1006	ES-4399-1006	Apex peristaltic pump tubes (packet of 4)	85
EP-4300-0050		Capillink connectors for PTFE sample capillaries with ID=1,6mm, packet of 6	180
EP-2019-5500		EPOND 'AIR-BIP' monitor for gas in sample uptake capillaries - saves sample, time and argon	330
MOOSCI P/No.		Autosamplers probes, nebulizers with probes	A \$
ES-5016-3200-080	ES-5016-3200-080	SC-autosampler probe flanged for -ST nebulizer, ID=0.20mm, PEEK support, ~ 50 ul/min., L = 80cm	390
ES-5016-3250-100	ES-5016-3250-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.25mm, PEEK support, ~ 100 ul/min., L = 100cm	390
ES-5016-3500-120	ES-5016-3500-120	SC-autosampler probe flanged for -ST nebulizer, ID=0.50mm, PEEK support, ~ 400 ul/min., L = 120cm	390
ES-5036-3200-080	ES-5036-3200-080	SC-autosampler probe flanged for -ST nebulizer, ID=0.20mm, Carbon Fibre, ~ 50 ul/min., L = 80cm	390
ES-5036-3250-100	ES-5036-3250-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.25mm, Carbon Fibre, ~ 100 ul/min., L = 100cm	390
ES-5036-3500-120	ES-5036-3500-120	SC-autosampler probe flanged for -ST nebulizer, ID=0.50mm, Carbon Fibre, ~ 400 ul/min., L = 120cm	390
ES-2002-3503-100	ES-2002-3503-100	PFA-100 Microflow Nebulizer, with Carbon Fiber probe for ESI SC Autosampler, 100 cm capillary	1590
ES-2002-3513-100	ES-2002-3513-100	PFA-100 MicroFlow Nebulizer with Carbon Fiber probe (4"/100mm support) for ESI SC-Micro	1590
ES-5027-3200-100	ES-5027-3200-100	SC-autosampler probe without flange, ID=0.20mm, Carbon Fibre support, ~ 50 ul/min., L=100cm	390
ES-5027-3250-100	ES-5027-3250-100	SC-autosampler probe without flange, ID=0.25mm, Carbon Fibre support, ~ 100 ul/min., L=100cm	390
ES-5027-3500-100	ES-5027-3500-100	SC-autosampler probe without flange, ID=0.50mm, Carbon Fibre support, ~ 400 ul/min., L=100cm	390
ES-5056-3200-080	ES-5056-3200-080	SC-autosampler probe flanged for -ST nebulizer, ID=0.20mm, Ultem support, ~ 50 ul/min., L = 80cm	390
ES-5056-3250-100	ES-5056-3250-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.25mm, Ultem support, ~ 100 ul/min., L = 100cm	390
ES-5056-3500-100	ES-5056-3500-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.50mm, Ultem support, ~ 400 ul/min., L = 100cm	390
ES-5037-3205-100	ES-5037-3205-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.20mm, Carbon Fibre, ~ 50 ul/min., L=100cm	390
ES-5037-3255-100	ES-5037-3255-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.25mm, Carbon Fibre, ~ 100 ul/min., L=100cm	390
ES-5037-3505-100	ES-5037-3505-100	SC-autosampler probe flanged for -ST nebulizer, ID=0.5mm, Carbon Fibre, ~ 400 ul/min., L=100cm	390
SC-5037-3755-150		SC-FAST Probe, Carbon Fiber (175mm), blue tag, for SC-FAST high-flow valve, goes to port #5, L=150cm	390
SC-0319-03		Sample Loop for FAST system, 300uL, ID=0,8mm, blue marker	75
SC-0319-15		Sample Loop for FAST system, 1500uL, ID=0,8mm, blue marker	75
MOOSCI P/No.	OEM P/No.	Adapters and peri-pump tubes	A \$
Tube-PVCSD-51		2-stop PVC pump tubing, 1.30 mm ID, (gray/gray), 12 pc	36
Tube-PVCSD-051-F		2-stop PVC pump tubing, flared, 0.13 mm ID, (orange/black), 12 pc	59
Tube-PVCSD-20-F		2-stop PVC pump tubing, flared, 0.51 mm ID, (orange/yellow), 12 pc	59
ERT-040		EPOND's renowned 'RubeTubes', sample tube connectors, packet of 40	165
EP-4300-0050		Capillink connectors for PTFE sample capillaries with ID=1,6mm, packet of 6	180
		<i>custom reference solutions made to measure - on request</i>	
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