


2012		EPOND accessories for Thermo Finnigan Element 1, 2 , XR and Neptune
EPOND N°	OEM P/N°	Part Descriptions
2050-0050N		Standard Concentric Glass Nebulizer, with 'NebLink' sample tube
2050-0710NT		'Tyfoon' Concentric Glass Nebulizer, for high dissolved solids
2050-KP50	KP-50-00	Meinhard KR+ Concentric Glass Nebulizer, with PFA argon and sample connectors
2050—TQP50	TQP-50-00	Meinhard TQ+ Concentric Quartz Nebulizer, with PFA argon and sample connectors
2050-M030-C1		'Meinhard' Concentric glass nebulizer, Type C3, with PFA argon and sample line connectors
2050-M030-A3		'Meinhard' Concentric glass nebulizer, Type A3, with PFA argon and sample line connectors
2050-M030-K		'Meinhard' Concentric glass nebulizer, Type K, with PFA argon and sample line connectors
2050-4052		'Lucida' 'NB-Class' (No-Break) Concentric Polymer Nebulizer, ID = 50 microns
2050-4152		'Zefyr' 'NB-Class' (No-Break) Concentric Polymer Nebulizer, low-uptake version
2050-4252		'Boreal' 'NB-Class' (No-Break) Concentric Polymer Nebulizer, medium uptake version
2550-2020		HF-resistant <i>MicroFlow</i> PFA Concentric Nebulizer, 20 ul/min uptake version
2550-2000	113 5450	HF-resistant <i>MicroFlow</i> PFA Concentric Nebulizer, 50 ul/min uptake version
2550-2001		HF-resistant <i>MicroFlow</i> PFA Concentric Nebulizer, 75 ul/min uptake version
2550-2002		HF-resistant <i>MicroFlow</i> PFA Concentric Nebulizer, 100 ul/min uptake version
2550-2003		HF-resistant <i>MicroFlow</i> PFA Concentric Nebulizer, 200 ul/min uptake version
2550-2005		HF-resistant <i>MicroFlow</i> PFA Concentric Nebulizer, 400 ul/min uptake version
2550-2028	ES-4040	PolyPro-ST HF-resistant concentric Nebulizer, with detachable sample uptake tube
2550-2024-APEX	ES-2040-APEX	PFA-ST-APEX HF-resistant concentric Nebulizer for use with APEX, with detachable sample uptake tube
2550-2024	ES-2040	PFA-ST HF-resistant concentric Nebulizer, with detachable sample uptake tube
2550-2027-Aridus	ES-2040-0009	PFA-ST-Aridus HF-resistant concentric Nebulizer for use with Aridus, with detachable sample uptake tube
2000-0100-080	ES-2000-0100-080	PFA-50 <i>MicroFlow</i> nebulizer with PEEK autosampler probe
2002-0100-080	ES-2002-0100-080	PFA-100 <i>MicroFlow</i> nebulizer with PEEK autosampler probe
EP-2550-2045	ES-2045	Detachable sample capillary tube, ID = 0,15mm., nominal uptake 20 ul/min.
EP-2550-2043	ES-2043	Detachable sample capillary tube, ID = 0,20mm., nominal uptake 50 ul/min.
EP-2041-0754	ES-2041-0754	Detachable sample capillary tube, ID = 0,25mm., nominal uptake 75 ul/min.
EP-2550-2042	ES-2042	Detachable sample capillary tube, ID = 0,25mm., uptake 100 ul/min.
EP-2550-2041	ES-2041	Detachable sample capillary tube, ID = 0,50mm., uptake 400 ul/min.
		Capillaries with integrated probes - available for all common autosamplers
3150-0710		Teflon Burgener MiraMist Parallel-Path Nebulizer
3150-0720	PMM4000	PEEK Burgener MiraMist Parallel-Path Nebulizer
	NOTE :	All EPOND and ESI HF-resistant spray chambers are free of internal coatings
2085-0262		Jacketed Cyclonic Glass Spray Chamber, RS13/5 output, 4mm drain
2085-0261		' Althea ' Cyclonic glass Spray Chamber, RS13/5 output, 4mm drain
2085-0261Q		' Althea ' Cyclonic Quartz Spray Chamber, RS13/5 output, 4mm drain
2085-0263		' Libra ' Baffled glass Cyclonic Spray Chamber, RS13/5 output, 4mm drain
EP-3152-1018	ES-3152-1018	Baffled Quartz Cyclonic Spray Chamber, RS13/5 output, suits PC3
2085-0265		' Electron ' glass Mini-Cyclonic Spray Chamber, RS13/5 output, 4mm drain
2085-0265Q	ES-3453-1108-09	Quartz 'Electron' Mini-Cyclonic Spray Chamber, RS13/5 output
2085-0267Q	ES-3453-1118-09	Quartz 'Positron' Baffled Mini-Cyclonic Spray Chamber, RS13/5 output
2085-026T		PTFE Cyclonic Spray Chamber, RS13/5 output, 4mm drain
2085-0150		Water Cooled Pyrex Spray Chamber, for <i>Element 1</i>
2085-0170		Element 2 Water Cooled Pyrex Spray Chamber
2052-0300		PTFE End-Cap 35/6-mm Adaptor for Scott-type spray chamber
2085-0180		Jacketed Quartz double-pass Spray Chamber, for Element 2
2085-2104	ES-2104	Jacketed Quartz double-pass Spray Chamber for Element 2, with PFA ' PureCap ' End Cap
2085-2929		'Erebus' HF-resistant cyclonic spray chamber
2085-0190	1127121	Combined Cyclonic-Double-Pass High-Stability Quartz Spray Chamber
EP-4157-1000	ES-4157-1000	ESI ' PC3 ' Peltier-cooled Quartz Spray Chamber, with 12-Volt DC Power Supply
EP-9100-5400	ES-9100-5400	' PC3-LT ' Peltier-cooled Quartz Spray Chamber, low – temp. version (-20 deg. C.)
EP-4152-1111-2	ES-4152-1111-2	ESI ' PC3-SSI ' Enhanced-Stability Peltier-cooled Quartz Chamber, with Power Supply
EP-2100-5471	ES-2100-5471	ESI 47mm PFA Spray Chamber and PureCap endcap
EP-1002-1000	ES-1002-1000	O-ring free Precision Demountable Quartz torch
EP-1001-0002	ES-1001-0002	Quartz Insulator Ring, L = 60 mm., EP#2085-0260, Finnigan P/No. 1136500
2085-0250	199710	Quartz Insulator Ring Torch Bonnet, L = 25 mm., for Element 1, ESI P/No. ES-1001-0001
EP-1024-1100	ES-1024-1100	Quartz Injector with PFA base, O-ring-free, ID = 1,0 mm
EP-1024-1150	ES-1024-1150	Quartz Injector with PFA base, O-ring-free, ID = 1,5 mm
EP-1024-1180	ES-1024-1180	Quartz Injector with PFA base, O-ring-free, ID = 1,8 mm
EP-1043-1200		Aumina Injector with PFA base, O-ring-free, ID = 2,0 mm
EP-1003-0000		Sapphire Injector with PFA base, O-ring-free, ID = 1,0 or 1,8 mm

EP-1013-0000		Platinum Injector with PFA base, O-ring-free, ID = 1,8 or 2,0 mm
EP-2085-1002	ES-1002	CD-type standard Element 2 / Neptune quartz torch (Thermo Finnigan P/No. 1091250)
EP-2085-0520		Complete CD-type standard Element 2/Neptune quartz torch with Quartz Injector
EP-1001	ES-1001	Torch Bonnet, quartz, L = 26 mm.
2085-0050	ES-1002-0001	Standard Element-1 one piece torch, Injector ID = 1,5 mm
2045-0492		RS13/5 Female connector with 4-mm tube termination
2085-0060		Fixed Element-1 Torch, Injector ID = 1,4 mm
2085-0070		Semi-Demountable Torch, for Element I
2085-0120	1091250	<i>Standard Element II Demountable Torch, OEM Replacement</i>
EP-1023-0200		ESI – product : Quartz Injector for use with Torch #1091250, ID=2mm, with 12/5 ball joint
EP-1043-0200		Alumina Injector for use with Torch #1091250, ID=2mm, with 12/5 ball joint
2085-2100	1122800	Demountable Qz Injector for torch tube #2085-0120
2085-0130		Polymer base with Quartz Injector #2085-0140, Knurled external ring and RS12/5 ball joint
2085-0140		Quartz Injector for use with Demountable Torch Base #2085-0130, ID=1,8mm
EP-1003-0100	ES-1003-0100	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 1.0 mm
EP-1003-0160	ES-1003-0160	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 1.6 mm
EP-1003-0180	ES-1003-0180	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 1.8 mm
EP-1003-0300	ES-1003-0300	ESI Sapphire Injector for CD-type 12-mm torch, I.D. = 3.0 mm
EP-1024-0100	ES-1024-0100	Quartz Injector with PFA base, with O-rings, ID = 1,0 mm
EP-1024-0150	ES-1024-0150	Quartz Injector with PFA base, with O-rings, ID = 1,5 mm
EP-1024-0180	ES-1024-0180	Quartz Injector with PFA base, with O-rings, ID = 1,8 mm
EP-1013-0100	ES-1013-0100	ESI Platinum Injector for CD-type torch, I.D. = 1.0 mm, Thermo # 1184190
EP-1013-0150	ES-1013-0150	ESI Platinum Injector for CD-type torch, I.D. = 1.5 mm
EP-1013-0200	ES-1013-0200	ESI Platinum Injector for CD-type torch, I.D. = 2.0 mm, Thermo # 1092000
EP-1023-0100	ES-1023-0100	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 1.0 mm, with 12/5 ball
EP-1023-0150	ES-1023-0150	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 1.5 mm, with 12/5 ball
EP-1023-0200	ES-1023-0200	ESI Quartz Injector for CD-type 12-mm torch, I.D. = 1.8 mm, with 12/5 ball
2085-0310		Pyrex Ball/Socket Elbow at 30 degrees
2085-0320		Quartz Ball/Socket Elbow, at 30 degrees
EP-4399-2002-51	ES-4399-2002-51	Quartz 'S-Adaptor' for adjusting height of Apex – torch connection
EP-5445-4448	ES-1001-0004	Platinum torch guard shield, Length= 84 mm., Pt ring diam 20 mm., # 1126640
EPOND N°	OEM P/N°	DESCRIPTION of ICP-MS DETECTOR
EP-1022600S	1022600S	Element 1 Electron Multiplier Detector, MC-SEV-ICP
EP-1114170S	1114170S	Element 2 Electron Multiplier Detector, MC-SEV-ICP (Type 1, prior - March 2004)
EP-1152700S	1152700S	Element 2 Electron Multiplier Detector, MC-SEV-ICP (Type 2, post – March 2004)
EP-1152700S	1152700S	Element XR Electron Multiplier Detector, MC-SEV-ICP
		<i>For Neptune detector - please ask for price</i>
EPOND N°	OEM P/N°	DESCRIPTION of CONES
T1001-Al	-	Aluminium Sampler Cone, ES-3000-1803
T1001-Ni	1044530	100% Nickel Sampler, ES-3000-1802
T1001TE-Ni-e		eSPEC Thermally Enhanced Nickel Sampler Cone
T1001-Ni/Cu	1044520	Nickel Sampler with Cu Core, ES-3000-1801
T1002A-Al		Aluminium Skimmer cone, ES-3000-1805
T1002A-Ni	1067600	Nickel skimmer cone for Thermo Finnigan, ES-3000-1812
T1002TE-Ni-e		eSPEC Thermally Enhanced Nickel Skimmer Cone
T1002X-Al		Aluminium X-Skimmer cone, ES-3000-1821
T1002X-Ni	1142160	Nickel X-Skimmer cone, ES-3000-1820
ES-3000-1804		Nickel skimmer cone for Thermo Finnigan
ES-3000-1805		Aluminium skimmer cone for Thermo Finnigan
ES-3000-1806		Platinum sampler cone with Cu base, for Thermo Finnigan
ES-3000-1807	1067500	Platinum sampler cone with Cu base and 6,4mm Pt insert
ES-3000-1808	1067501	Platinum sampler cone with 100% Ni base for Thermo Finnigan
ES-3000-1809	1047460	Platinum skimmer (H) with 100% Ni base and 6mm Pt insert
ES-3000-1822	1142151	Platinum X-skimmer cone, for Thermo Finnigan
T1003-Ni	FS067019	Nickel Accelerator, SOLA
T1006A-Pt/Cu	1067501	Platinum Sampler, Cu Core 15,2-mm Pt insert
T1007-Pt	1047510	Platinum Skimmer, Ni base, 7,6-mm Pt insert, ES-3000-1811
T1007-Pt/Cu	1047510	Platinum Skimmer, Cu base, 7,6-mm Pt insert, ES-3000-1810
T1007-Pte		eSPEC Pt Skimmer, Ni base, 7,6-mm Pt-Ir insert
T1007X-Pt	1142150	Platinum X-series Skimmer Cone
T5001	1042620	Graphite Sampler Cone Gasket
T5003	1125680	Platinum long-life Guard Electrode, for Element 1
EP-5445-4448	1126640 / T5004	Platinum torch guard shield, Length (tot.) = 84 mm., for Element 2
2085-2206-05		Diamond paste for polishing and cleaning cones, 3-micron, 5-ml syringe
2085-2206-18		Diamond paste for polishing and cleaning cones, 3-micron, 18-ml syringe
EPOND No.		Accessory Description
2019-4260		'XENA' micro-flow meter / aspiration monitor, range : 5 – 999 ul/min., AC powered

APEX-Q-E2		APEX-Q Desolvator, with 2 PFA-ST-APEX concentric nebulizers plus XENA Flow-Meter
ES-5510		PFA – RS12/5 adaptor
ES-4399-0051		Apex aerosol transfer line, Tygon, 0.5-metres
ES-4399-1006		Apex peristaltic pump tubes (packet of 4)
ACM-E2		ESI Nafion Active Membrane Device , with DC Power Supply
EP-4599-3002		Spiro TMD Membrane Desolvation Module (latest model of ACM), with Power Supply
8100-2051		'PEARL' Cleaning Device for concentric glass nebulizers – suits ALL TYPES of concentric glass and quartz nebulizers
EP-2999-5223	ES-2999-5223	Enlarged Sample Tray for Element 2 - made of PP, increases work area by 3 times
EPWP-0750	WP-750	Water Purification System – produces 30 litres/hour of UP water
EPOND N°	OEM P/N°	ESI Upgrade Packages
EP-2185-0470	ES-2185-0470	PFA Sapphire Upgrade package. Includes PFA PureCap Endcap, 47mm PFA spray chamber, 2 PFA MicroFlow nebulizers, CD torch with 1-mm sapphire injector
EP-2185-0479	ES-2185-0479	PFA Sapphire Upgrade package. Includes PFA PureCap Endcap, 47mm PFA spray chamber, CD torch with 1-mm sapphire injector in PFA base
EP-2186-0350	ES-2186-0350	Quartz Upgrade Package : Includes 2 PFA MicroFlow nebulizers, PFA O-ring free End Cap, 35mm Jacketed Quartz Spray Chamber, 1,5mm injector with PFA base, CD torch
EP-2186-1350	ES-2186-1350	O-ring free Quartz Upgrade : Includes 2 PFA MicroFlow nebulizers, PFA O-ring free EndCap, 35mm Jacketed Quartz Spray Chamber, 1,5mm injector with ESI torch
EP-2187-0350	ES-2187-0350	Basic Quartz Upgrade Package : 2 PFA MicroFlow nebulizers, 35 mm Quartz Spray Chamber, PFA O-ring free EndCap, 1,5mm quartz injector and quartz torch
EP-2180-0471	ES-2180-0471	HF-resistant PFA Sapphire Upgrade Package : 2 PFA MicroFlow nebulizers, 47 mm PFA Spray Chamber, PFA EndCap, 1,8mm Sapphire injector with CD-type Qtz torch
EP-2180-1471	ES-2180-1471	O-ring free HF-res PFA Sapphire Upgrade : 2 PFA MicroFlow nebulizers, 47 mm PFA Spray Chamber, PFA EndCap, 1,8mm Sapphire O-ring free injector and ESI torch
EPOND No.		Autosamplers and probes
SC-2, SC-4, etc.		'SC-series' autosamplers are available – to suit any applications – please ask for details
ES-5016-3200-080	ES-5016-3200-080	SC-autosampler probe, ID=0.20mm, PEEK support, ~ 50 ul/min., L = 80cm
ES-5016-3250-100	ES-5016-3250-100	SC-autosampler probe, ID=0.25mm, PEEK support, ~ 100 ul/min., L = 100cm
ES-5016-3500-120	ES-5016-3500-120	SC-autosampler probe, ID=0.50mm, PEEK support, ~ 400 ul/min., L = 120cm
ES-5036-3200-080	ES-5036-3200-080	SC-autosampler probe, ID=0.20mm, Carbon Fibre support, ~ 50 ul/min., L = 80cm
ES-5036-3250-100	ES-5036-3250-100	SC-autosampler probe, ID=0.25mm, Carbon Fibre support, ~ 100 ul/min., L = 100cm
ES-5036-3500-120	ES-5036-3500-120	SC-autosampler probe, ID=0.50mm, Carbon Fibre support, ~ 400 ul/min., L = 120cm
ES-5056-3200-080	ES-5056-3200-080	SC-autosampler probe, ID=0.20mm, Ultem support, ~ 50 ul/min., L = 80cm
ES-5056-3250-100	ES-5056-3250-100	SC-autosampler probe, ID=0.25mm, Ultem support, ~ 100 ul/min., L = 100cm
ES-5056-3500-100	ES-5056-3500-100	SC-autosampler probe, ID=0.50mm, Ultem support, ~ 400 ul/min., L = 100cm
ES-5037-3205-150	ES-5037-3205-150	SC-autosampler probe for -ST nebulizer, ID=0.20mm, Carbon Fibre support, ~ 50 ul/min.
ES-5037-3255-150	ES-5037-3255-150	SC-autosampler probe for -ST nebulizer, ID=0.25mm, Carbon Fibre support, ~ 100 ul/min.
ES-5037-3505-150	ES-5037-3505-150	SC-autosampler probe for -ST nebulizer, ID=0.5mm, Carbon Fibre support, ~ 400 ul/min.
EPOND N°	OEM P/No.	Description, tubes
See web site		All tube Internal Diameters available, 2 tag Tygon P-P tubes, pkt 12
See web site		Cone-terminated Peri-Pump tubes, for low-uptake apps., pkt of 10
ERT-040		EPOND's renowned 'RubeTubes' , sample tube connectors, packet of 40
ERT-010		EPOND's renowned 'RubeTubes' , sample tube connectors, packet of 10
DLK-075		DrainLink nebulizer adaptor and tube with 0,75mm ID, pkt 5
NLK-030		Neb-Link sample tubes, packet of 10, ID=0,30 mm, L=60cm.
EP-1533-2400		'Easy-Fit' FESTO gas tube connector for polymer tubes with OD = 4mm / OD = 4mm, packet of 10
EP-1530-3700		'Easy-Fit' FESTO gas tube connector for polymer tubes with OD = 4mm / OD = 6mm, packet of 10
		<i>Certified ICP / AAS Standard solutions - http://www.e-pond.biz/standards</i>
		<i>custom reference solutions made to measure - on request</i>
		
		www.e-pond.biz