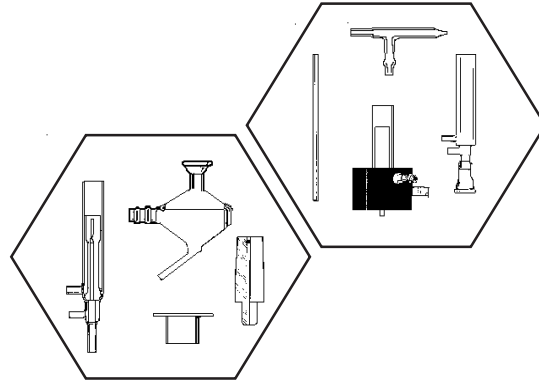


Listing of Equivalent Items  
available from **CHOICE ANALYTICAL** for use  
on Perkin-Elmer ICP instrumentation



## Quartz/Glass Items/Consumables Listing for Perkin-Elmer ICP for illustrations of items see following pages

In sequence of <b>PERKIN-ELMER</b> Part No.	<b>Choice</b> Part No.	<b>Description</b>
0047-2020	500-77	Concentric Nebulizer, A-Type, 3mlpm
0047-2022	500-72	Concentric Nebulizer, C-Type, 3mlpm
0047-2033	300-25	Bonnet (use with 300-05)
0047-2047	SPE-S01	Open End Spray Chamber
0047-2047	SPE-S02	Spray Chamber for Concentric Nebulizer
0047-2048	300-05	Standard Torch One piece with ball joint
0047-3052	SPE-E01	Extension
0047-3187	320-62	Purge Tube
0047-3292	320-34	Quartz Sample Injector, Tip 1.6 mm ID
0047-3560	SPE-E03	Extension with Slot
0047-3561	320-64	Purge Tube for Slotted Extension
120-0079	450-11	Alumina Injector
120-0080	450-08	Demountable Torch Body
120-0274	450-26	Torch Bonnet Cap
320-1192	450-05	Torch, 1.5 mm
320-1732	450-06	Torch, 2.0 mm
320-3025	450-27	RF Insulator Shield
320-3095	450-12	Corrosion Resistant (Cr) Torch Body
320-3789	450-29	Torch Shield
320-4703	450-28	Bonnet - 72 mm
999-2731	320-65	Purge Window - Optima XL
B006-6549	1000-70	Axial Window
N058-0233	SPE-T01	Torch Body, Demountable
N058-0376	SPE-T02	Torch Body with vertical slots, demountable
N058-0449	320-31	Quartz Sample Injector, Tip 1.6 mm ID
N058-0528	SPE-T03	Torch Body, Type II (3 slots)
N058-1497	320-66	Purge Extension with Window UV
N058-2184 <i>see also</i> N812-6041	320-53	Alumina Injector for 0.85 mm ID, Elan 3000
N058-2186 <i>see also</i> N812-6039	320-51	Alumina Injector for 0.85 mm ID, Elan
N058-2235	SPE-B02 310-24	Bonnet for SPE-T03 Torch for Plasma 1000, 2000 and II only
N058-2248	310-35	Injector/Torch Support Adapter with O Rings
N068-0276	520-30	Teflon End Cap for Spray Chamber
N068-1234	320-60	Purge Extension
N068-1574	500-80	Concentric Nebulizer, K-Type, 2-3mlpm
N068-1631	320-33	Quartz Sample Injector, Tip 1.2 mm ID
N068-1690	310-03W	Torch Tube, Type II, wear metals
N068-1690	SPE-T03	Torch Body, Type II (3 slots)
N069-0269 <i>see also</i> N069-0769	310-38	O-Ring Kit for XL/DV
N069-0568	310-04	Torch, Optima 3000, Axial
N069-0672	320-73	Purge Tube, Optima 3000 DV, radial (short tube, 3.1 cm)
N069-0769 <i>see also</i> N069-0269	310-38	O-Ring Kit for XL/DV
N069-0780 <i>Rev.C</i>	310-39	Inj. Support Adapter w/o O-Rings
N069-1631	320-46	Sample Injector Tip, Quartz, Optima, 1.2 mm ID
N069-1646 <i>now</i> N069-0672	320-73	Purge Tube, Optima 3000 DV, radial (short tube, 3.1 cm)
N069-1662	310-14	Torch Tube, Optima DV, 1 top slot
N069-1664	310-15	Bonnet for Torch (310-14)
N069-1678	320-68	Purge Tube with Collar (long tube, 3.9 cm)
N069-1689	320-69	Purge Tube Window, radial (long tube with collar)

ctd. over

## Quartz/Glass Items/Consumables Listing for Perkin-Elmer ICP for Illustrations of items see following page/s

In sequence of

**PERKIN-ELMER**

<b>Part No.</b>	<b>Choice Part No.</b>	<b>Description</b>
N069-5295	310-05	Bonnet Optima for (310-04)
N069-5362	320-50	Sample Injector Tip, Alumina, Optima, 2.0 mm ID, Optima XL/DV
N069-5379	310-11	Torch Tube, Optima XL (Axial)
N069-5400	310-37	Injector Support
N069-5441	320-40	Sample Injector Tip, Quartz, Optima, 2.0 mm ID
N069-5442	320-41	Sample Injector Tip, Quartz, Optima XL, 2.0 mm ID
N069-5448	320-43	Sample Injector Tip, Quartz, Optima, 1.6 mm ID
N069-5449	320-44	Sample Injector Tip, Quartz, Optima XL, 1.6 mm ID
N069-5456	310-13	Bonnet, Optima DV
N069-5460	320-46	Sample Injector Tip, Quartz, Optima, 1.2 mm ID
N077-0322	320-80	Radial Purge Window
N077-0338	310-16	Torch 4300 with Copper Strip
N077-0343	310-19	Torch Body, No Slot
N077-0344	310-18	Torch Body, Short Version
N077-0437	310-43	O-Ring Kit for Torch
N077-0438	310-44	O-Ring Kit for Inj. Assembly
N077-1116	1000-70	Axial window
N077-1500	310-17	Torch Body, Radial 430 DV
N077-5223	320-76	Quartz Injector 1.6 mm id
N077-5225	320-78	Quartz Injector 0.8 mm id
N077-5289	310-25	Bonnet for Torch (310-16)
N077-5297	310-20	Copper Foil Squares (Pack of 12)
N077-6053	300-30	Cyclonic Spray Chamber, Baffled
N810-2001	SPE-T03-E	Torch ELAN 250 & ELAN 500
N810-2006	400-07	Long Form Torch (151 mm Overall Length)
N810-2011	500-70	Concentric Nebulizer, C-Type, 1mlpm
N810-2031	400-12	Spray Chamber Scott, Glass, Elan 250 and 500
N812-0100	400-36	Torch O-Ring kit (replacement) for 400-35 Base
N812-0116	400-35	Injector Support/Torch Base for ELAN
N812-0124	400-13	Scott Spray Chamber, Quartz
N812-0150	300-19MS	Cyclonic Chamber, ICP-MS 5000/6000
N812-0160	120-56	O-Rings for Spray Chamber (Pack of 2)
N812-2006	400-10	Torch with side inlets ELAN 5000/6000
N812-2188	300-19DV	Cyclonic Chamber, Optima XL/DV
N812-2188 New Type	300-18DV	Cyclonic Spray Chamber
N812-5029	320-35	Injector Tip, 2.0 mm
N812-6039 See also N058-2186	320-51	Alumina Injector for 0.85 mm ID, Elan
N812-6040	320-52	Alumina Injector for 0.85 mm ID, Elan
N812-6041 See also N058-2184	320-53	Alumina Injector for 0.85 mm ID, Elan 3000
WE02-3948	400-30	Quartz Injector 2mm
WE02-3951	400-37	Injector Support
	400-38	O-Ring kit for Inj. Support 400-37
WE02-5221	400-20	Cyclonic Spray Chamber
<b>No supplier number allocated:</b>	300-15	Spray Chamber, all glass for Nebulizer
	300-16	Spray Chamber Type II Glass
	300-17	Spray Chamber, glass barrell, ICP-MS 5000/6000
	300-18	Spray Chamber, glass barrell type, optima XL
	300-19	Cyclonic Chamber, Optima
	300-19DVJ	Cyclonic Chamber, Optima DV, jacketed
	300-19DVQ	Cyclonic Chamber, Optima XL/DV, Quartz
	300-19DVQJ	Cyclonic Chamber, Optima DV, jacketed, Quartz
	300-19J	Cyclonic Chamber, Optima, jacketed
	300-19MSJ	Cyclonic Chamber, ICP-MS, jacketed
	300-20	MLN Cyclonic Chamber, Optima
	300-20DV	MLN Cyclonic Chamber, Optima XL/DV
	300-20MS	MLN Cyclonic Chamber, ICP-MS 5000/6000
	310-04W	Torch Tube, Optima, wear metals
	310-11W	Torch Tube, Optima XL, wear metals
	310-12	Torch Tube, Optima DV, 2 top slots
	310-36	O-Ring Kit for Adapter
	320-30	Quartz Sample Injector, Tip 1.2mm ID
	320-32	Quartz Sample Injector, Tip 2.0 mm ID
	400-05	Short Form Torch (135 mm Overall Length)
	400-09	Long Form Torch (150 mm Overall Length)
	400-13	Spray Chamber Scott, Quartz, Elan 250 and 500
	400-14	Spray Chamber Scott, Water Cooled, Elan 250 and 500
	400-15	Spray Chamber Scott, Vacuum Jacketed, Elan 250 and 500
	400-25	Bonnet
	400-38	O-Ring Kit for Inj. Support 400-37
	450-09	Quartz Injector
	450-10	Demountable Torch Body & Quartz Injector
	450-21	Torch Extension
	450-25	Torch Bonnet
	500-92	Fixed Cross-Flow Nebulizer
	SPE-E02	Extension with Optical Port

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**Quartz/Glass Items/Consumables Listing for Perkin-Elmer ICP**

for Illustrations of items see following page/s

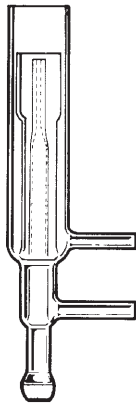
In sequence of  
**PERKIN-ELMER**  
**Part No.**

**Choice**  
**Part No.**

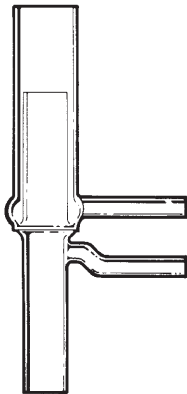
**Description**

for AAS

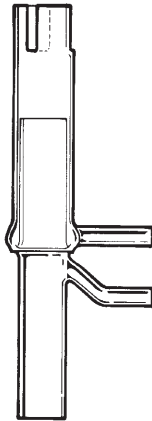
057-2615	320-70	Impact Bead, Small 1/8 inch
	320-72	Impact Bead, Large 3/16 inch



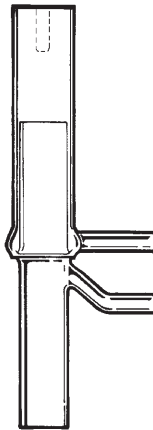
#300-05  
Torch, one piece with ball joint



#400-10  
Torch Body with side arms



Torch Body  
#SPE-T03  
Type II (3 slots)  
#310-12 Optima DV (2 topslots)  
#310-14 Optima DV (1 topslot)



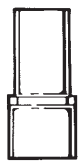
#310-04  
Torch Body, Optima



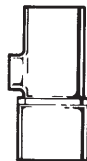
#SPE-T01  
Torch Body, demountable



#SPE-T02  
Torch Body, demountable with vertical slots



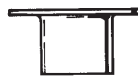
#SPE-E01  
Extension



#SPE-E02  
Extension with optical port



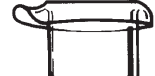
#SPE-E03  
Extension with slot



#300-25  
Torch Bonnet



#SPE-B02  
Torch Bonnet



#310-05  
Torch Bonnet, Optima

ctd. over

Perkin Elmer ICP Quartz Glass Items [w] Page 3(4) 29/10/2007



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For Perkin-Elmer instrumentation



#320-31  
Sample Injector Tip,  
Quartz 1.6 mm



#320-33  
Sample Injector Tip,  
Quartz 1.2 mm

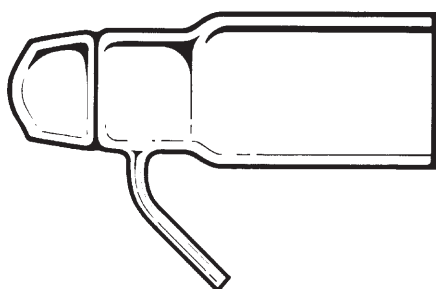
#320-32  
Sample Injector Tip,  
Quartz 2.0 mmS

#320-34  
Sample Injector Tip,  
Quartz 1.6 mm

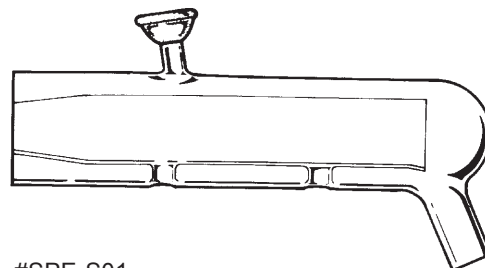
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Sample Injector Tip,  
Quartz 2.0 mm



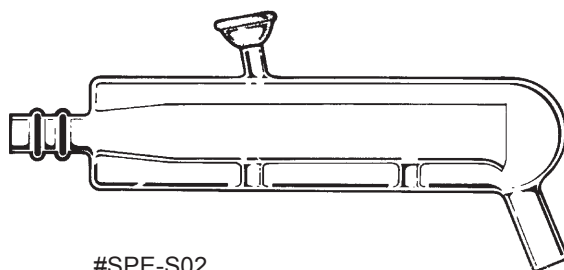
#320-60  
Purge Extension



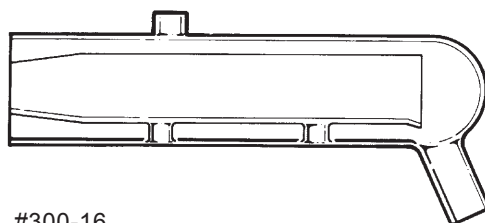
#330-64  
Purge Tube for Slotted Extension



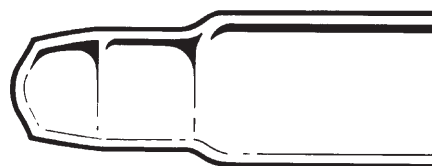
#SPE-S01  
Spray Chamber, Open End



#SPE-S02  
Spray Chamber, all glass  
for Concentric Nebulizer



#300-16  
Spray Chamber, Type II, glass



#320-62  
Purge Tube



#320-66  
Purge Extension Window, UV

Perkin Elmer ICP Quartz Glass Items [w] Page 4(4) 29/10/2007



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