

PolyPro-ST Nebulizer

High performance low cost HF-resistant alternative to glass nebulizers for ICP-AES

This is a proven cost effective replacement for 6 mm glass nebulizers used on ICP-AES systems which does not suffer from the common problems of short lifetime and easy breakage associated with glass nebulizers.

- High performance
- HF acid resistant polypropylene construction.
- Longer lifetime than glass or quartz nebulizers
- Self-aspiration exchangeable capillaries
 - 20 μ L/min to 700 μ L/min flow rates
 - Zero dead volume o-ring free connection.
 - External interface for easy maintenance.
- Up to 3 mL/min sample flow rates with peristaltic pumping.
- Resistant to clogging and accidental breakage.
- Directly replace any 6 mm nebulizer.
- A variety of inert integrated autosampler probes available.
- Anti-clog tool for easy maintenance is available



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Ordering Information






PolyPro-ST Nebulizer

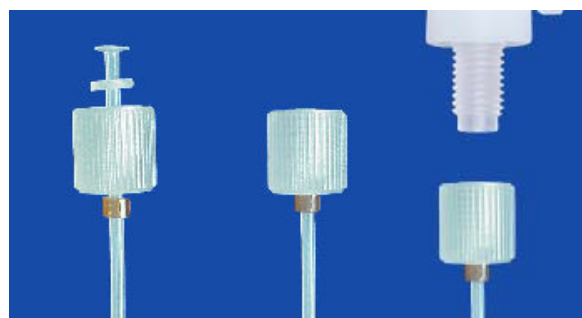
ES-4040-28 PolyPro-ST Nebulizer includes one flanged Teflon PFA sample capillary, 0.5mm i.d.

Self aspiration capillaries

A variety of alternate flanged Teflon sample capillaries and autosampler probes are available for the PolyPro ST Nebulizer. Sample capillaries are easily and securely attached to the nebulizer using a threaded, zero dead volume flanged fitting.

Sample uptake tubing dimensions control PolyPro-ST MicroFlow nebulizer self-aspiration rates:

Part Number	I.D.	Nominal Self-Aspiration flow rate
ES-2045	0.15 mm	20 μ L/min 
ES-2043	0.2 mm	50 μ L/min 
ES-2042	0.25 mm	100 μ L/min 
ES-2041	0.5 mm	400 μ L/min 
ES-2044	0.8 mm	700 μ L/min 

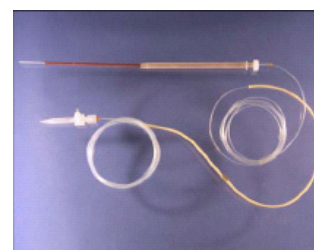


Use one of the sample uptake capillaries or autosampler probes for self-aspiration or directly attach peristaltic pump tubing to the MicroFlow PolyPro-ST.

PolyPro-ST Nebulizer and Autosampler Probe kits for Peristaltic Pumping

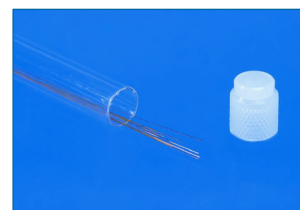
When peristaltic pumping a sample, it is important that the entire sample uptake line be of the same internal diameter. These kits combine the entire uptake line with durable, long life PolyPro-ST nebulizer and a PFA Teflon autosampler probe, including all pump tubing and fittings in uniform dimensions for a variety of low, medium, and high uptake rates.

i.d.	Agilent IAS	Cetac ASX-100	Cetac ASX-500	PE AS-9X
0.15mm	ES-4040-0710	ES-4040-0110	ES-4040-0510	ES-4040-9510
0.2mm		ES-4040-0120	ES-4040-0520	ES-4040-9520
0.25mm		ES-4040-0125	ES-4040-0530	ES-4040-9530
0.3mm	ES-4040-0730			
0.5mm	ES-4040-0750		ES-4040-0550	ES-4040-9550
0.8mm	ES-4040-0780		ES-4040-0580	ES-4040-9580



Obstruction removal kit

ES-2046-001 Designed specifically to remove clogs in ST type nebulizers. Includes one guide, 10 pieces of fused silica and instructions



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