

# PolyPro ST Nebulizer

High performance HF-resistant concentric nebulizer for ICPMS and ICPAES

- ▲ Polypropylene construction.
- ▲ Hydrofluoric acid resistant.
- ▲ Longer lifetime than glass or quartz nebulizers
- ▲ Self-aspiration exchangeable capillaries
  - 100, 400 or 600 $\mu$ l/min
  - Zero dead volume o-ring free connection.
  - External interface for easy maintenance.
- ▲ 0-3 ml/min sample flow rate with peristaltic pumping.
- ▲ Resistant to clogging and accidental breakage.
- ▲ Directly replace any 6 mm nebulizer.
- ▲ A variety of inert autosampler probes available.



PolyPro-ST Nebulizer

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HF-resistant microflow nebulizer.

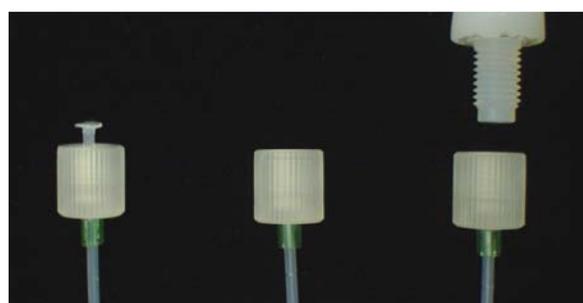
- ▲ Analyze all sample types with a single introduction system.
- ▲ Seawater and other high dissolved solids samples.
- ▲ Self-aspirate volatile and non-volatile organic solvents.
- ▲ Soil and geological samples dissolved in hydrofluoric acid.
- ▲ High purity acids and chemicals.



A variety of alternate flanged Teflon sample capillaries and autosampler probes are available for the PFA 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 PFA-ST MicroFlow nebulizer self-aspiration rates:

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



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

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