

PFA ST Nebulizer

New sample introduction technology
for ICPMS and ICPAES

- ▲ All-Teflon[®] construction.
- ▲ Chemically resistant to most samples.
- ▲ Exchangeable self-aspiration capillaries
 - 20, 50, 100, 200 or 400µl/min
 - Zero dead volume o-ring free connection.
 - External interface for easy maintenance.
- ▲ 0-2 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.



MicroFlow PFA-ST Nebulizer

Teflon[®] is a registered trademark of DuPont

PFA-ST Micro-Flow

The right nebulizer technology.

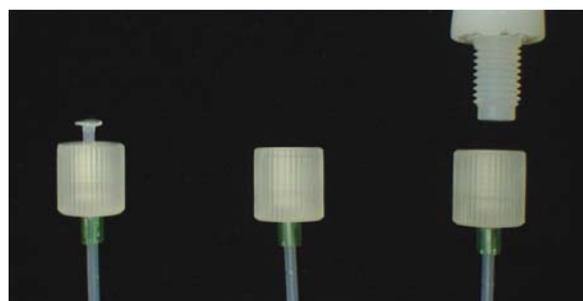
- ▲ Analyze all sample types with a single introduction system.
- ▲ Seawater and other high dissolved solids samples.
- ▲ Self-aspirate volatile and non-volatile organic solvents.
- ▲ Soil and geological samples dissolved in hydrofluoric acid.
- ▲ High purity acids and chemicals.



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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