

## Nebulizers with Integrated Probes

These nebulizers self-aspirate at low flow rates with any autosampler and provide the same benefits of the PFA MicroFlow nebulizer. The integrated sampling probe is constructed by encapsulating a rigid support material between layers of PFA to provide a chemically-resistant probe that is mechanically stable and resilient.

### PFA MicroFlow Nebulizers with Integrated Autosampler Probes

For environmental/clinical applications. These nebulizers self-aspirate at low flow rates with any autosampler and provide the same benefits of the PFA MicroFlow nebulizer. The integrated sampling probe is constructed by encapsulating a rigid support material between layers of PFA to provide a chemically-resistant probe that is mechanically stable and resilient.



Carbon Fiber support for Environmental/Clinical Applications.

Description	Aspiration Rate @ 1 L/m Ar	Part No.
PFA-20 PFA (Carbon Fiber Support), Length 80 cm	20 µL/min	<b>N0777214</b>
PFA-50 PFA (Carbon Fiber Support), Length 80 cm	50 µL/min	<b>N0777215</b>
PFA-100 PFA (Carbon Fiber Support), Length 100 cm	100 µL/min	<b>N0777216</b>
PFA-200 PFA (Carbon Fiber Support), Length 100 cm	200 µL/min	<b>N0777217</b>
PFA-400 PFA (Carbon Fiber Support), Length 100 cm	400 µL/min	<b>N0777218</b>

Ultem support for High Purity Semiconductor Applications.

Description	Aspiration Rate @ 1 L/m Ar	Part No.
PFA-20 PFA (Ultem Support), Length 100 cm	20 µL/min	<b>N8145141</b>
PFA-50 PFA (Ultem Support), Length 100 cm	50 µL/min	<b>N8145142</b>
PFA-100 PFA (Ultem Support), Length 100 cm	100 µL/min	<b>N8145143</b>
PFA-200 PFA (Ultem Support), Length 100 cm	200 µL/min	<b>N8145144</b>
PFA-400 PFA (Ultem Support), Length 100 cm	400 µL/min	<b>N8145275</b>

### PFA Nebulizers with Integrated Fluoropolymer Capillaries

Self-aspirating PFA MicroFlow nebulizers are constructed entirely from chemically resistant fluoropolymers ideal for strong acids, alkalis, organics and high-salt solutions. They are resistant to clogging and produce a fine aerosol for high transport efficiency and high sensitivity.



- Integrated capillary for self-aspiration, ideal for low flow, clean applications
- Low, spike-free background for important elements such as Fe and Ca
- Produces a fine aerosol for high transport efficiency and high sensitivity
- Direct analysis of volatile and non-volatile organic solvents

Description	Aspiration Rate @ 1 L/m Ar	Part No.
PFA-20	20 µL/min	<b>N8122350</b>
PFA-50	50 µL/min	<b>N8145102</b>
PFA-100	100 µL/min	<b>N8122351</b>
PFA-200	200 µL/min	<b>N8145103</b>
PFA-400	400 µL/min	<b>N8145104</b>

### Carbon Fiber Probes for ST Nebulizers

ST nebulizer probes connect directly to any ST-type nebulizer. The 1/4-28 threaded fitting provides a secure, zero-dead-volume connection with no additional fittings required.



ID	Aspiration Rate @ 1 L/m Ar	Length	Part No.
0.25 mm	100 µL/min	80 cm	<b>N0777223</b>
0.50 mm	400 µL/min	80 cm	<b>N0777225</b>
0.25 mm	100 µL/min	150 cm	<b>N0777826</b>
0.50 mm	100 µL/min	150 cm	<b>N0777827</b>
S10 Autosampler Probe for ST Nebulizers, 0.25 mm	100 µL/min	100 cm	<b>N8145139</b>
S10 Autosampler Probe for ST Nebulizers, 0.50 mm	400 µL/min	100 cm	<b>N8145140</b>