

C-Flow

PFA Concentric Nebulizer for the Aridus II



High Performance, Low Volume Sample Introduction for the Aridus II

The C-Flow is supplied as the standard PFA nebulizer for the Teledyne CETAC Aridus II Desolvating Nebulizer System. The C-Flow PFA nebulizer from Teledyne CETAC is specifically heat treated for best performance with the heated PFA spray chamber of the Aridus II.

Designed for self-aspiration of limited sample volumes, the C-Flow is available in three fixed average uptake rates: 50, 100, and 200 $\mu\text{L}/\text{min}$.



C-Flow PFA Concentric Nebulizer



The C-Flow is a molded, fixed-capillary style PFA (perfluoroalkoxy) concentric nebulizer for the introduction of low-volume (< 2 mL) samples to the Teledyne CETAC Aridus II Desolvating Nebulizer System. The inert PFA construction allows the introduction of all acids (including hydrofluoric acid), alkalis and organic solvents.

The C-Flow features a standard 6 mm diameter tip for easy installation to the Aridus II spray chamber. The C-flow gas connection is direct with 4 mm diameter tubing attaching via a PFA nut to the side gas port.

The C-Flow uptake line has a built in rigid probe support for connection to the Teledyne CETAC ASX-110FR or ASX-112FR Autosamplers. C-Flow uptake line length is sufficient so the ASX-112FR may be placed on top of the Aridus II.

Specifications

Nebulizer Construction: PFA (perfluoroalkoxy)

Sample Uptake Rate:

50 $\mu\text{L}/\text{min}$
100 $\mu\text{L}/\text{min}$
200 $\mu\text{L}/\text{min}$

Nebulizer Gas Flow: 0.6 to 1.2 L/min

Nebulizer Tip (outer diam): 6 mm

Nebulizer Overall Length:

820 mm (50, 200 $\mu\text{L}/\text{min}$ versions)
1150 mm (100 $\mu\text{L}/\text{min}$ version)

Uptake Line Length: 745 mm

745 mm (50, 200 $\mu\text{L}/\text{min}$ versions)
1075 mm (100 $\mu\text{L}/\text{min}$ version)

Warranty: 12 month limited

Part Numbers

C-Flow 50 $\mu\text{L}/\text{min}$: SP8204

C-Flow 100 $\mu\text{L}/\text{min}$: SP8204A

C-Flow 200 $\mu\text{L}/\text{min}$: SP8204B