

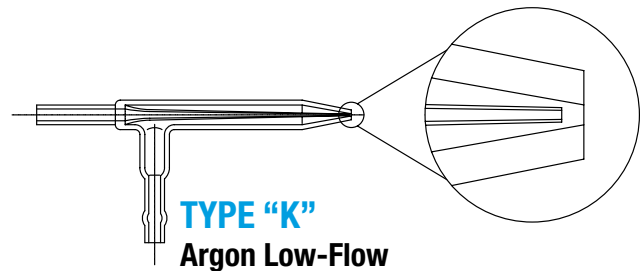
PlasmaFLOW

CONCENTRIC NEBULIZERS

SCP SCIENCE PROVIDES A RANGE OF BOROSILICATE GLASS AND QUARTZ CONCENTRIC NEBULIZERS TO MEET YOUR SAMPLING NEEDS

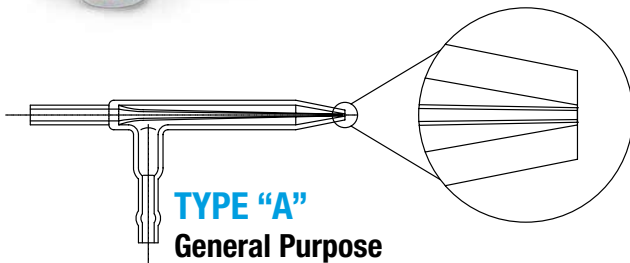
- **Accommodates a range of sample types and solution flow rates**
- **Generates a fine aerosol, with a uniform droplet size, ensuring good sensitivity and precision**
- **Everything included: each nebulizer comes with a Gas Connector, Sample Connector, Argon Connector and tubing**

For a limited time, purchase a *PlasmaFLOW* Nebulizer and receive a **FREE** pack of Flared PVC Pump Tubing or **FREE** 2x25 ml Single Element, 1000 ppm ICP Standard.



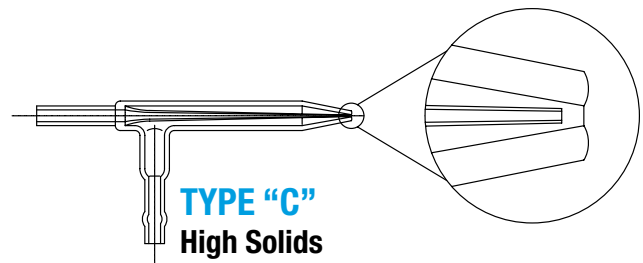
TYPE "K"
Argon Low-Flow

- Calibration Reference: 0.7 ml/min. Argon
- End Surface: Lapped
- Capillary Tip Recess: \approx 0.5 mm
- Uptake Suction: ++
- Stability of Aerosol Delivery: ++



TYPE "A"
General Purpose

- Calibration Reference: 1.0 ml/min. Argon
- End Surface: Lapped
- Capillary Tip Recess: 0 mm
- Uptake Suction: +
- Stability of Aerosol Delivery: +



TYPE "C"
High Solids

- Calibration Reference: 1.0 ml/min. Argon
- End Surface: Vitreous
- Capillary Tip Recess: \approx 0.5 mm
- Uptake Suction: ++
- Stability of Aerosol Delivery: ++

CONTACT US FOR MORE INFORMATION:

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Each Nebulizer is tested by our Quality Control Department and its unique sample uptake rate (ml/min.) at specific argon pressure (psi) is provided. Each nebulizer comes complete with connectors and tubing.



SPECIFICATIONS

Materials:	Borosilicate Glass or Quartz
Outer Diameter (O.D.):	Body, 6 mm; fluid inputs, 4 mm
Nozzles:	A, C and K
Internal Liquid Volume:	0.1 ml
Calibration provided with each unit:	P_c : Calibration input pressure at rated argon flow Nominal P_c : 20, 30 or 50 psi R_a : Water uptake at P_c Nominal R_a : 0.2, 0.5, 1, 2, 3, 4 or 5 ml/min.

Nebulizer	Nominal Sample Uptake (ml/min)	R_a Range (ml/min)	P_c Range (psi)	Materials	Catalog No.	Old SCP Item No.	Meinhard Item No.	Glass Expansion Item No.
A Type	0.5	0.4-0.6	25-40	Glass	020-065-230	020-060-014	TR-30-A0.5	AR30-1-FM06
A Type	1	0.7-1.4	25-40	Glass	020-065-231	020-060-041	TR-30-A1	ARG-1-UC1T
A Type	2	1.5-2.4	25-40	Glass	020-065-232	020-060-001	TR-30-A2	ARG-1-UC1T
A Type	2	1.5-2.4	25-40	Quartz	020-065-632	020-060-011	TQ-30-A2	---
A Type	3	2.5-3.4	25-40	Glass	020-065-233	020-060-002	TR-30-A3	---
A Type	3	2.5-3.4	25-40	Quartz	020-065-633	020-060-012	TQ-30-A3	---
C Type	0.2	0.1-0.3	25-40	Glass	020-065-136	020-060-023	TR-30-C0.2	---
C Type	0.2	0.1-0.3	25-40	Quartz	020-065-536	020-060-613	TQ-30-C0.2	---
C Type	0.5	0.4-0.6	25-40	Glass	020-065-130	020-060-018	TR-30-C0.5	AR30-07-FSS04
C Type	0.5	0.4-0.6	41-60	Glass	020-065-150	020-060-004	TR-50-C0.5	ARG-07-USS04
C Type	1	0.7-1.4	25-40	Glass	020-065-131	020-060-003	TR-30-C1	ARG-07-UC2
C Type	1	0.7-1.4	25-40	Quartz	020-065-531	020-060-016	TQ-30-C1	---
C Type	1	0.7-1.4	41-60	Glass	020-065-151	020-060-005	TR-50-C1	AR50-1-FC1E
C Type	1	0.7-1.4	41-60	Quartz	020-065-551	020-060-013	TQ-50-C1	ARG-1-QSS1
C Type	2	1.5-2.4	25-40	Glass	020-065-132	020-060-006	TR-30-C2	AR30-07-FSS2
C Type	2	1.5-2.4	25-40	Quartz	020-065-532	020-060-017	TR-50-C2	ARG-07-USS2
C Type	3	2.5-3.4	25-40	Glass	020-065-133	020-060-007	TR-30-C3	---
K Type	1	0.7-1.4	25-40	Quartz	020-065-431	020-060-024	TQ-30-K1	---
K Type	2	1.5-2.4	25-40	Glass	020-065-032	020-060-008	TR-30-K2	AR30-1-FC2
K Type	3	2.5-3.4	25-40	Glass	020-065-033	020-060-009	TR-30-K3	AR30-1-FC3

P_c = Argon Pressure (psi); R_a = Sample Uptake (ml/min)