

Concentric Nebulizers



MEINHARD® Nebulizers

The MEINHARD® concentric nebulizers reflect exacting standards in design and manufacturing. They provide excellent sensitivity and precision for aqueous solutions and samples with few dissolved solids (less than 1%).

MEINHARD® Glass Nebulizers

Type A nebulizers are for high sensitivity.

Type C and K are for high solids. Type K are for low argon flow.

Type	Ar Flow Rate	Uptake Rate	Material	Part No.
Optima 4x00/5x00/7x00/8x00 / Avio 200/500				
A3	1 L/min	3 mL/min	Glass	00472020
C1	1 L/min	1 mL/min	Glass	00472022
K3	0.7 L/min	3 mL/min	Glass	N0681574
K1*	0.7 L/min	1 mL/min	Glass	N0777707
K1 LDV	0.7 L/min	1 mL/min	Glass	N0810859

Includes: **N0777414**, **N8121036**, **N0777460** *Standard with Avio instrument

MEINHARD® Plus Nebulizers

Type A+ nebulizers are for low dead volume and high sensitivity

- Self aspiration rate 0.5 mL/min with argon flow 1 L/min at 50 PSI (3.4 bar/345 kPa)
- Peristaltic pumped rate 0.1 mL/min to 3.0 mL/min
- *Quartz reduces blank levels compared to glass nebulizers



Type	Ar Flow Rate	Uptake Rate	Material	Part No.
Optima 4x00/5x00/7x00/8x00 / Avio 200/500				
TR+	1 L/min	0.5 mL/min	Glass	N8122462
TQP+	1 L/min	0.5 mL/min	Quartz*	N8122461

Includes: **N8121039**, **GL54**, **N8121036**, **N0777460**

MEINHARD® SilQ Nebulizers

Type A SilQ+ nebulizers are for ultra-high purity.

- Lowest levels of trace elemental impurities
- Reduced sample contamination
- *Quartz reduces blank levels compared to glass nebulizers

Type	Ar Flow Rate	Uptake Rate	Material	Part No.
Optima 4x00/5x00/7x00/8x00 / Avio 200/500				
SilQ+	1 L/min	0.5 mL/min	Quartz*	N8122460

Includes: **N8121039**, **GL54**, **N8121036**, **N0777460**



Nebulizer Solution Fitting
Part No. **N0777414**

Nebulizer Clip
Part No. **N0777460**

PFA Gas Quick Connect
Part No. **N8121036**

Part No. **N8121038**

Part No. **N8121037**

Part No. **N8121039**

MEINHARD® Nebulizer Replacement Parts

Description	Part No.
F5-50 Standard Nebulizer Solution Fitting, 0.5 mm PTFE. 0.5 mm x 70 cm Capillary	N0777414
F5-50-026-ZZ Liquid-End Connector Kit, 10 in. Length by 0.020 in. ID x 0.062 in. OD	N0791018
Nebulizer Clip for Meinhard Nebulizers, Qty. 1	N0777460
FG PFA Gas Quick Connect	N8121036
F0 Encapsulated Micro Tubing, 0.25 mm ID (Green Marker) 70 cm Long Micro Capillary	N8121038
F1 Detachable Capillary, 0.80 mm ID (Blue Marker) 70 cm Long Capillary	N8121037
F2 Standard Integrated Capillary, 0.5 mm ID (Orange Marker) 70 cm Long Capillary	N8121039
Meinhard Nebulizer Gas Line	N0791843
PFA Adapter for Glass Nebulizers	N8145365
Quick Disconnect Tubing without Swagelock	N0770610



Part No. **N8145461**

FAST Valve Connecting Lines for MEINHARD® Plus Nebulizers

Description	Part No.
F0 FAST Valve Connecting Line, 0.25 mm ID (Green), 14 cm	N8145461
F2 FAST Valve Connecting Line, 0.25 mm ID (Green), 14 cm	N8145346
F0 FAST Valve Connecting Line, 0.5 mm ID (Orange), 14 cm	N8145462
F2 FAST Valve Connecting Line, 0.5 mm ID (Orange), 14 cm	N8145347
F0 FAST Valve Connecting Line, 0.25 mm ID (Green), 25 cm	N8145463
F2 FAST Valve Connecting Line, 0.25 mm ID (Green), 25 cm	N8145465
F0 FAST Valve Connecting Line, 0.5 mm ID (Orange), 25 cm	N8145464
F2 FAST Valve Connecting Line, 0.5 mm ID (Orange), 25 cm	N8145466