



# 9000-1544

## Debubbler / Degasser, 2.5mL

### *Description*

The Debubbler / Degasser combines an Active Debubbler with a Transfer-line Degasser to provide bubble removal of up to 2.5 mL volume in addition to removal of dissolved gases. The unit must be mounted with the vacuum fitting toward the top in a completely vertical orientation or at an angle no greater than 45° from vertical. Flow is intended to enter at the top of the unit (nearest the vacuum port) and exit the degassing tube. A vacuum source (minimum 13.3 kPa absolute) such as the Systec SST pump is required.

### TECHNICAL DATA

Degassing Membrane: Proprietary Fluoropolymer (compatibility similar to PTFE)

Bubble Removal: 20 cc/min air removed from water at 10 ml /min

Degassing Performance: 36% O<sub>2</sub> removed from water at 1 ml/min

Wetted Materials: Proprietary Fluoropolymer, UHMWPE, FEP, ETFE, Ultem®

Non-Wetted Materials: Polypropylene

Internal Volume: 2.5 mL

Active Surface Area: 24.6 cm<sup>2</sup>

Liquid Connections:

Inlet: UNF ¼-28 threaded flat-bottom port

Outlet: 3.18mm (0.125 in) OD ETFE Tubing

Vacuum Connection: Barb-type fitting for 1.57mm (.062 in) ID tubing

Maximum Pressure: 0.7 MPa (100 psi) @ 25°C

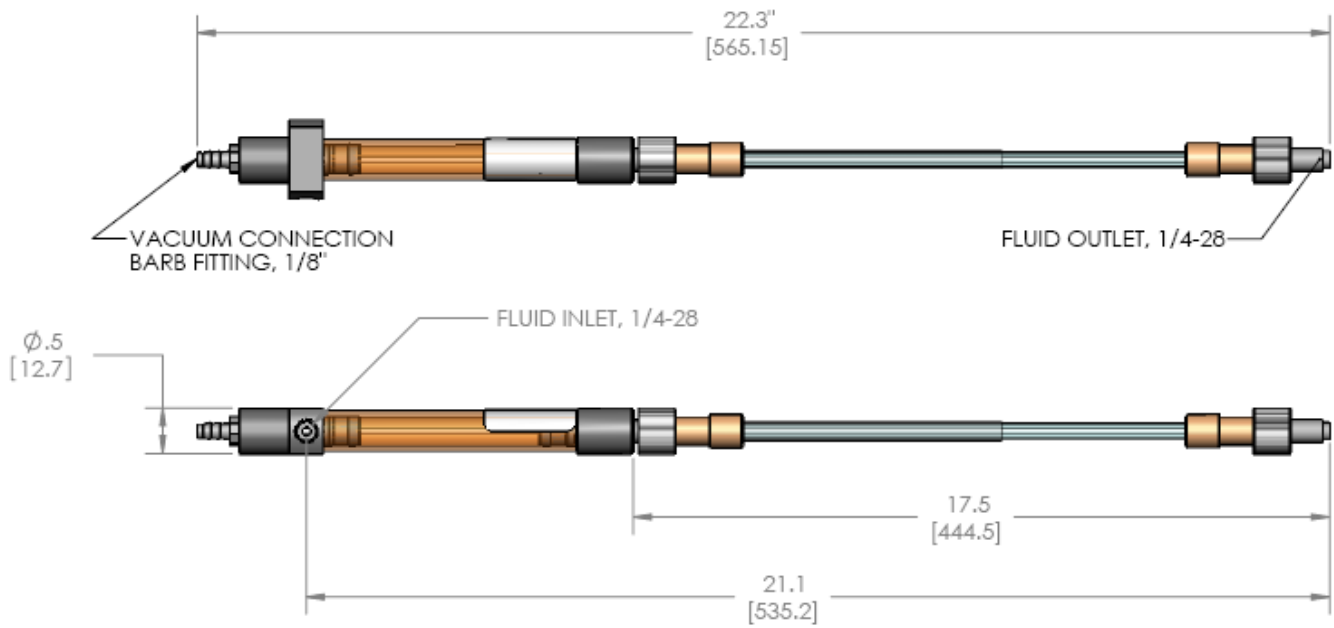
Maximum Temperature: 40 °C

Mounting: Mounting clips are available for separate sale as part number 9000-xxxx

Solvent Compatibility: Not compatible with solutions <50% aqueous or detergent solutions.

## Dimensional Drawing

Dimensions are in inches [mm]:



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