PSD 120 Purge Kit Option Connection Guidelines

This instruction sheet covers the connection of the optional PSD 120 Purge Kit, part number 9910120100.

The Purge Kit allows you to flush the interior of the PSD 120 with clean, dry gas to minimize the condensation of vapors. This will reduce problems such as corrosion from acidic vapors.

Installation

The Purge Kit is supplied fitted to the PSD 120. You will need to connect the PSD 120 to a suitable gas supply as follows:

- Clean, dry air is preferred. Inert gases such as argon or nitrogen are also suitable, but you must ensure the lab is suitably ventilated to avoid suffocation risks.

WARNING

Noxious Gas Hazard

Compressed gas (other than air) leaks can cause an oxygen-deficient atmosphere, which can cause asphyxiation. Even small leaks can be dangerous. The area in which cylinders are stored and the area surrounding the instrument must be adequately ventilated to prevent such gas accumulations.

- The purge flow should be 10 L/min. To achieve this flow rate you will need a supply pressure of 105 kPa for air or nitrogen, or 120 kPa for argon.
- The barb fitting (see Figure 1) on the PSD 120 will suit soft tubing with an internal bore of 6 mm.

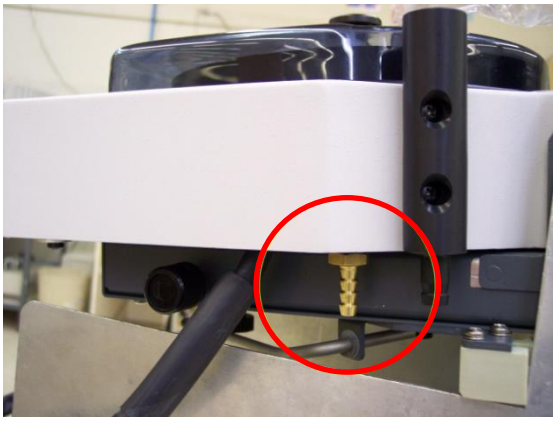

Figure 1. 6 mm tubing to be fitted to this barb (circled)

NOTE The hardware to control the purge gas flow and connecting tubing are NOT included in the Purge Kit. If you need assistance with this, contact your Agilent field service engineer.

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