

# Line 8000



## PUR8000

*Purifier for noble gases, nitrogen and hydrogen  
Perfect for any trace gas analyzer system*

The PUR8000 is sub ppb purifier for noble gases ideal for calibration gas on online analyzer as well as carrier gas for Chromatograph.



### FEATURES

- Compact design
- Interchangeable getter
- Easy-to-use
- Internal heater, insulation and electronics assembly
- Temperature controlled unit for better performance
- Nitrogen and hydrogen version available

### APPLICATIONS

- Zero calibration gas
- Carrier gas purifier
- Mass spectrometer
- Ideal as reference gas for TCD

## SPECIFICATIONS PUR8000

Getter type	Alloy of Zr/V/Fe 2 beds (350 and 200 Celsius)
Gas purified	Ar/He/Ne/Xe/Kr. Nitrogen and hydrogen version available.
Impurities removed	In noble gases : H <sub>2</sub> O, O <sub>2</sub> , CO, CO <sub>2</sub> , N <sub>2</sub> , THC, H <sub>2</sub> , CH <sub>4</sub> (Heated) H <sub>2</sub> O, O <sub>2</sub> , CO, CO <sub>2</sub> , H <sub>2</sub> (room temperature) In nitrogen : H <sub>2</sub> O, O <sub>2</sub> , CO, CO <sub>2</sub> , THC, H <sub>2</sub> , CH <sub>4</sub> (Heated) In hydrogen : H <sub>2</sub> O, O <sub>2</sub> , CO, CO <sub>2</sub> , N <sub>2</sub> , THC (Heated)
Impurity level	<1 ppb for each impurity for VCR connection <10 ppb for each impurity for compression connection
Flow	200 cc/min (nominal)
Gas connections	1/8" compression or 1/8" VCR
Recommended operating pressure	100 PSIG (689 kPAG)
Recommended minimum operating pressure	10 PSIG (28 kPAG) optional 1 PSIG (7 kPAG)
Supply	115 VAC, 50 – 60 Hz or 220 VAC, 50 – 60 Hz
Power consumption	Maximum 200 watts
Weight	2.26 kg (5 lbs)

## PART ORDERING

**-XXX**

Operating Voltage

120 Volts (-120)

220 Volts (-220)

**-X**

Gas type

None : Noble gases

Nitrogen version (-N)

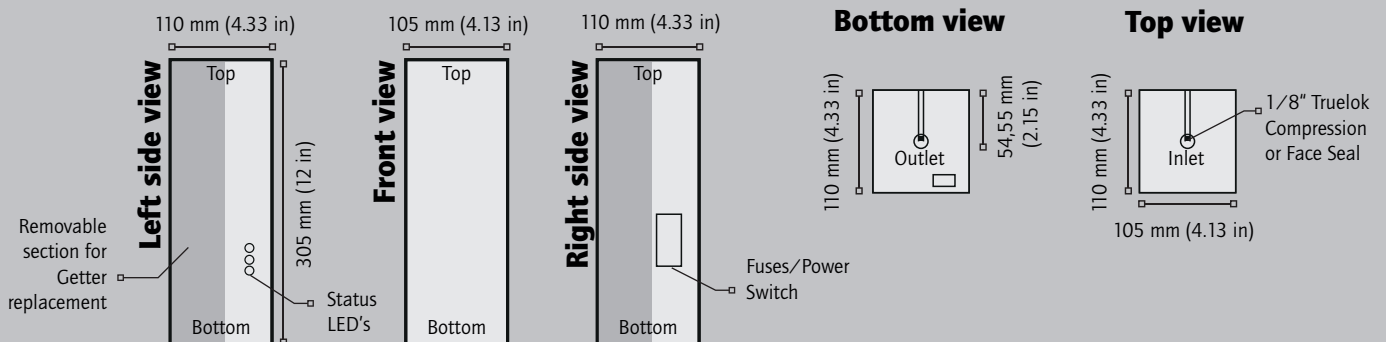
Hydrogen version (-H)

**-X**

Connection type

Compression (-C)

VCR (-V)



## Dimensions

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