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**Product Name :**  
Rare Gas Purifier

**Product Code :**  
LBNY-0005-16500010



#### **Description :**

The Rare Gas Purifier is of a standard size (19) suitable for rack or bench mounting, and specifically made for laboratory or process work. The Rare Gas Purifier, has been developed from a family of rare gas purifiers originally designed by BOC. Depending on flow rate the RGP-4 in normal use is on average capable of continuous operation for in excess of two years before it becomes necessary to replace the reagent tubes. For normal flow rates of 10 litres/minute that will reduce the impurities (typically 30 vpm) of commercial rare gases (argon, helium, krypton, neon, and xenon) down to a level of less than 1 vpm in total.

#### **Features:**

Simple to operate, low cost, fully automatic, factory pre-set system  
Rapid warm-up time  
Excellent purification of commercial grade rare gases, impurities reduced to less than 1 vpm  
Unaffected by ambient temperature variations  
Lightweight, robust, compact, 19 rack mounting  
Long life reagent tubes.

#### **Technical Specification :**

Gas connections: outside diameter Swagelok Quick Connect couplings  
Pressure requirements: 450 mbar to 17 bar  
Impurities removed: Oxygen, Nitrogen, Hydrogen, Hydrocarbons, Moisture, CO, CO<sub>2</sub>  
Power requirements: 210 to 250V AC 1100 W or 100 to 130V AC 1100 W  
Minimum recommended flow rate: 25 millilitres per minute  
Maximum recommended flow rate: 10 litres per minute

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Outlet gas purity: Less than 1 volume per million impurities

Furnace temperature: 675 to 725C

Cabinet dimensions: Suitable for 19 rack or bench mounting 490 230 400mm

Weight: 14 kg.



**Laboratory Instrument India**