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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, CO2
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

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