



- Leak Testing -

HELIUM RECOVERY SYSTEMS

HRS-PRO

“ Do not waste your Helium, recover it !”

Nolek Helium Recovery System - PRO



Companies that use large amounts of helium can save substantially by recovering up to 98% of their lost helium with a Helium Recovery System.

NOLEK builds unique standard helium recovery systems. These systems are designed for any type of application independent on size and capacity. An integrated filtering system and helium concentration monitor ensure reliable and consistent results of helium purity and concentration during charging.

Helium Recovery System is normally used in conjunction with NOLEKS automated leak testing systems in industrial application areas, where helium is used to verify leak tightness of manufactured and assembled components. They can also be used with other leak testing systems and in other applications where helium can be recovered for reuse or recycling.

Specifications

| | |
|---------------------------------|--|
| Max Pressure | A) up to 30 Bar B) up to 40 Bar |
| Flexible Reservoir | 1800 Liter |
| He Concentration Sensor | 0 - 100% VOL |
| He recovery rate | Up to 98% recovery |
| Compressor Capacity | A) 14 m ³ /h B) 33 m ³ /h |
| Noise level | 75-80 db |
| Vacuum Pump (Optional) | Brand Leybold/ Pfeiffer |
| Vacuum Reservoir (Optional) | 230 Liter |
| Filtration | 3 stage filter |
| Air Supply | 5.5-6 Bar |
| Power Supply | 400v, 3-phase, 50hz |
| Dimension | L 2.8m x W 1.3m x H 2.4m |
| Recommended distance to machine | Approx. 20 Meter |

FEATURES & BENEFITS

- Cost reducing
- Up to 98% recovery rate
- Helium concentration monitoring
- Multiple machine connect possible
- HMI touch screen



The recovery system collects helium from the test part, where it is first pumped into a low-pressure holding tank. The helium then flows through a compressor and is stored in a high-pressure supply tank, which enables the charging station to reuse helium in the subsequent part's testing. Dependent on the performed test type, it is possible to recover and reuse up to 98% of the helium.

Applications

HRS-Pro is normally used in conjunction with Nolek's automated leak testing system in industrial application areas, where helium is used to verify leak tightness of manufactured and assembled components. They can also be used with other leak testing systems and in other applications where helium can be recovered for reuse or recycling.

YOUR PARTNER IN LEAK DETECTION !

We are the world's leading total solution provider of leak testing, proof testing, leak detection, helium charging and recovery and non-destructive testing equipment. As leak detection is most often an additional step in the production process, which adds cost, it is imperative to work with a company with a wide range of experience. Important, as well, is a willingness to work with customers as partners to define a test method that allows for the optimal ratio between equipment cost and productivity. In addition to building test systems, Nolek can provide customers with guidance throughout the entire process ranging from product design advice to assistance with maintenance, service and calibration. Nolek's headquarter and manufacturing facilities are located in the southern part of Stockholm, Sweden with a large manufacturing facility in Malaysia. To serve our worldwide customer base we have direct offices in the USA, Denmark, China, Hungary and The Netherlands. Nolek proudly has approximately 7 distributors worldwide.

www.nolek.com

Visit Today for your enquiry or specified need !



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