



HRM6

Fast and efficient helium recovery

Minimise waste. Maximise efficiency.

Helium is considered to be the most efficient tracer gas for leak detection in refrigerators, freezers and air conditioners. To ensure the highest possible production efficiency, manufacturers expect low helium consumption, fast recovery speeds and minimum maintenance in their recovery equipment.

Designed specially for use with helium, the new HRM6 (Helium Recovery

Module, 6 bar) provides an easy and efficient way to increase production and quality.

Featuring a new and unique oil-free compressor, the HRM6 is designed for recovery pressures up to six bar.

Combined with the PROtrace leak detection system, the HRM6 is a competitive solution that can meet the highest demands with regard to flexibility, safety and ease of use.

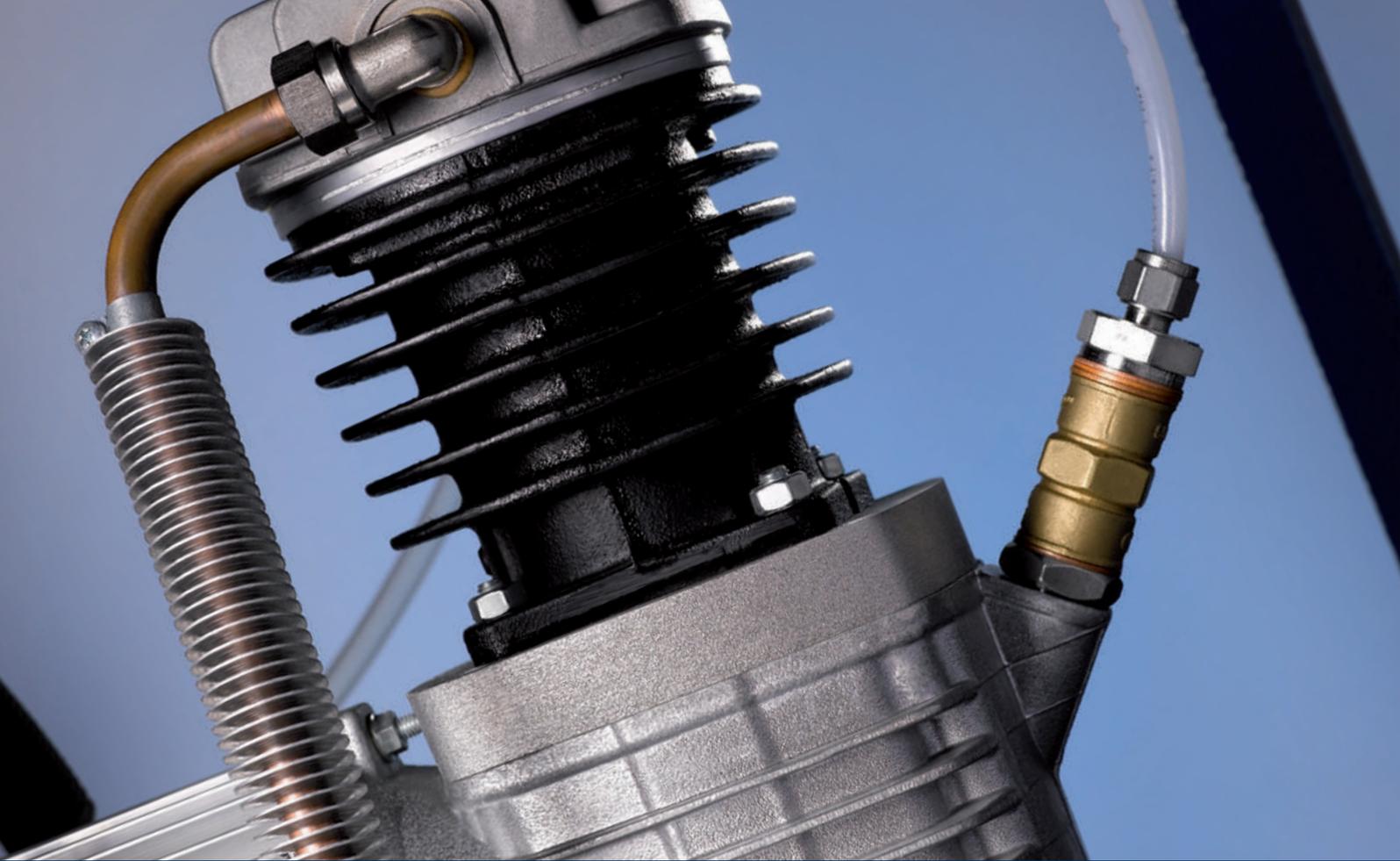


*Take full control of
your leak detection!*

*Ensure maximum production
uptime, efficiency and quality
with AGRAMKOW.*

*Driven by a unique oil-free
compressor and controlled by
several advanced technologies,
the new HRM6 helium recovery
system guarantees the best possible
conditions for helium quality.*

*Designed for pressures up to six bar,
the HRM6 is a value-adding solution
- optimised for quality and safety
conscious production lines.*



Oil-free compressor

The heart of the HRM6 is the brand new AGRAMKOW-designed oil-free compressor.

Specially developed for use in helium based test systems, the oil-free compressor ensures that the leak detection equipment does not introduce oil particles to the application. This ensures both high production up-time and the best possible working conditions for the sniffer, resulting products of consistent high quality.

Constant mix control and on-the-fly helium concentration regulation

The ability to ensure a stable helium mix is a critical element towards

achieving high leak detection quality and overall production efficiency and up-time.

In order to make sure that the mix is precise, the HRM6 constantly monitors and controls the helium concentration, thereby keeping levels within the pre-defined parameters. This is a clear and time-saving advantage over systems that rely on completely emptying and refilling the buffer tanks, when the mix needs to be refreshed.

Example

A typical test is conducted with a 50% helium mix and looks for total leaks up to 5-10 g per year.

If the mix is wrong by 10%, leaks may in fact be higher than measured.

In a system with six joins a 10% error in the mix will result in an increased leak rate of 3 g per year, 60% higher than what was measured.

Reliable service. Maximum support.

AGRAMKOW designs, develops and markets state-of-the art charging systems, test systems and production line information systems that are deployed in leading manufacturing facilities around the globe.

Always at the vanguard of new performance technology, AGRAMKOW has continually pioneered the development of new capabilities in response to the rapidly changing needs of the refrigeration and air conditioning industry.

With offices in Asia, North America, Latin America and Europe, as well as a wide-reaching network of partners, AGRAMKOW is a global partner, who can provide the help and service you need anywhere in the world.

AGRAMKOW has subsidiaries in Asia, North and South America, and Europe as well as Service partners worldwide.

AGRAMKOW

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Technical specifications

Dimensions (WxHxD)	700 x 520 x 1500 (excluding buffer tank)
Weight	90 kg
Supply voltage	3ph 220-255V 50/60Hz 3PH+PE 3ph 380-440V 50/60Hz 3PH+PE Others on request.
Power consumption	Approx. 3.0 kVA
Ambient temperature	12-50°C
Max. Relative humidity	30-90% (not condensing)
Recovery pump	Oil-free compressor
Recovery capacity	Up to 10 m ³ /hour
Electrical performance	EN 60204-1
Control	Electronic control
Code	212-000010A

Options

Language	German, English, Portuguese Others on request.
Mix supply	Nitrogen supply
Buffer tank	50 or 280 liter tank

Features

Modulated design	Fast delivery
Installation flexibility	The HRM6 is a standalone and can be placed, where it fits best.
Helium concentration	Programmable concentration, means faster running in of equipment

Alterations reserved.