

QHS-AM - Quantum Helium Recovery and Liquefaction System – All Metal

QHS-AM



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| 1. Liquefier | 4. Recovery Compressor |
| 2. Purifier | 5. Make-up Gas |
| 3. Customer Instrument | 6. Gas Storage |

Quantum All Metal Helium recovery, purification and liquefaction system.

Features:

- Quantum proprietary All Metal (AM) recovery, purification and liquefaction system is the most modern and efficient in its class.
- Full closed-loop to recover all boil-off gas at all times.
- The AM recovery system is fully piped, thus removing the sources of contamination. This in turn limits the need to use the purifier, therefore of liquid nitrogen.
- The AM system is based on a fully automatic recovery compressor which distributes gas either to liquefier or to storage. Compressor can recover boil-off flowrates up to 100 equivalent liters per hour or more.
- Quantum provides the largest scale of liquefiers in its class: 20-80 liters/day.
- Global recovery rates of over 95%.
- Quantum designs and manufactures all components of the system, including custom cryostats.
- Quantum works with customers on a Build-Own-Operate (BOO), Lease or Sale-of-Equipment (SOE) basis.

If your liquid helium bill is significant,

Quantum has a solution for your lab.

Call +1 604 222 5539 or email: sales@quantum-technology.com

to connect with our technical/sales staff.