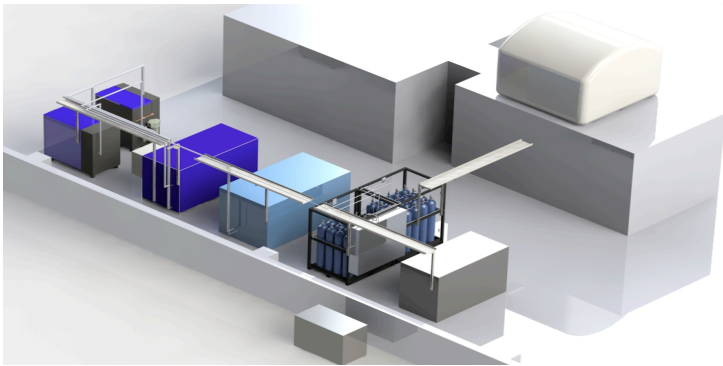


## QuantumPure CS™ - Helium Recovery and Purification Systems for Cold-Spray Applications



QuantumPure CS™ standard recovery and purification system for the cold spray industry:

50-200 m3/hr, >98% purity, up to 3000PSI



QuantumPure CS helium recovery system

integrated with a VRC Metal Systems  
cold spray booth in MA, USA

**If your industrial gas bill is significant,  
Quantum may have a solution for you.**

**Call +1 604 222 5539/email [sales@quantum-technology.com](mailto:sales@quantum-technology.com)**

**to connect with our technical/sales staff.**

### Features:

- Quantum utilizes own technologies to recover and purify helium from different industrial applications.
- Quantum developed and demonstrated a fully automatic recovery system for cold spray applications – QuantumPure CS.
- QuantumPure CS recovery and purification plants are fully automatic.
- QuantumPure systems include high- and low-purity processes, depending on the customer requirements.
- Wide range of designs as per customer requirements.
- Quantum works with customers on a Build-Own-Operate (BOO), Lease or Sale-of-Equipment (SOE) basis.

### Components:

- Characteristics of the QuantumPure CS system:
  - Flowrate: 50-200 cfm
  - Pressure; up to 3000 PSI
  - Initial purity: 3% Helium
  - Final purity: >98% Helium
  - Amount of helium saved in a year of normal operation: ~85-90%