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 3000 PSI

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 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%