

ColdQuanta focuses on development, design, and manufacture of instruments and systems destined for quantum technologies applications. The company provides products and services for scientific and industrial applications such as cold atom experimentation, quantum simulation, quantum information processing, gravity sensors, atomic clocks and precision instrumentation.

ColdQuanta



ColdQuanta

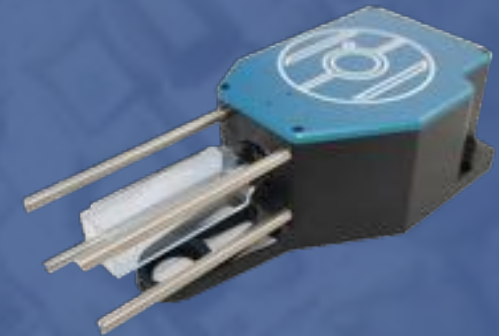
COLDQUANTA



**Quantum
Technologies
Simplified**

ColdQuanta in Boulder, Colorado

- Comprehensive R&D area consisting of engineering and assembly space
- Optics lab
- One class 1,000 clean room
- Two class 10,000 clean rooms
- Vacuum processing facilities
- Machine shop



3030 Sterling Circle,
Boulder, Colorado
303-440-1284
www.coldquanta.com
info@coldquanta.com

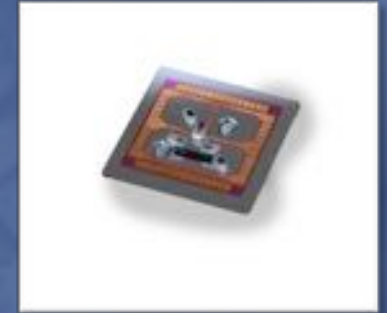


Product Lines

- BEC and Ultracold atom integrated systems and devices including the RuBECi®
- MOT family of products including the miniMOT™, miniMOT SE™ and related kits to routinely and rapidly produce cold atoms
- Very High Quality A/R Coated Glass Cells available in semi-custom designs

Core Capabilities

- Ultra-high vacuum device and system design
- Opto-mechanical design
- Atom chip design
- Glass/silicon bonding techniques
- High quality AR coated glass
- Instrumentation control
- Data acquisition
- Analog electronics design



Product Capabilities

- Glass/silicon atom chip production
- Opto-mechanical system fabrication
- Ultra-high vacuum glass cell fabrication
- High quality AR coated glass cells
- Analog electronic assembly

Applications

- Quantum information processing
- Positioning, Navigation & Time-Keeping (PNT)
- Simulation of novel materials
- Gravimetry
- Magnetometry