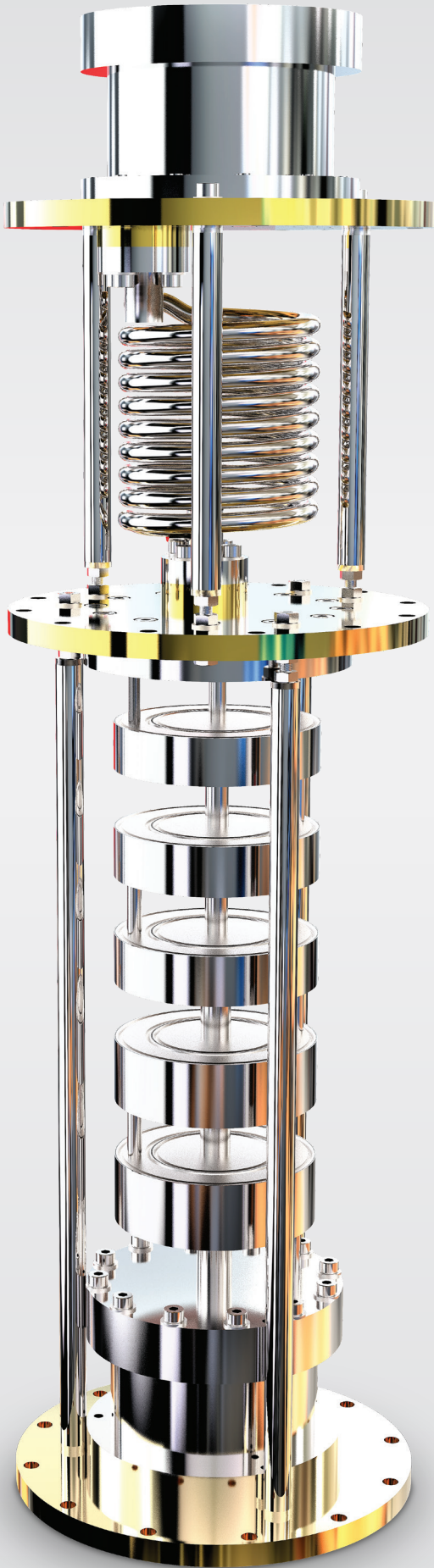


EDEN

Dry Dilution
Refrigerator
Systems





DRYICE EDEN

Cryogen Free Dilution Refrigerator Systems developed for research and quantum computing application at Ultra Low Temperatures

KEY FEATURES

- <10mK Base Temperature
- Upto 500 μ W of cooling power at 100mK
- < \pm 1mK Temperature Stability
- <24 hours cool down to <10mK
- Upto \varnothing 300mm sample space (other sizes available on request)
- < \pm 100nm vibrations at sample plate
- Fully automated cool-down
- Can accommodate over 200 semi-rigid RF coaxial lines

CONFIGURATIONS

- Available with Gifford-McMahon or Pulse Tube Cryocoolers upto 2W @4.2K
- Fully customisable wiring including DC, RF and optical cables
- Top loading probe available
- Custom designed frames available to suit your laboratory
- Designed to accommodate Solenoid and Vector Rotate magnets upto 16T and 9-3-3T respectively

ICECUBE

A complete range of flexible Gas Handling Systems for use with Continuous Flow 3He Systems and Dilution Refrigerators

ICECUBE

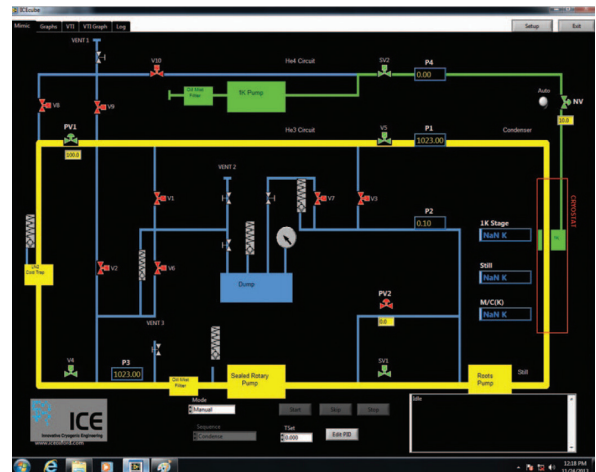
- Touchscreen operation

- Integrated keyboard & mouse

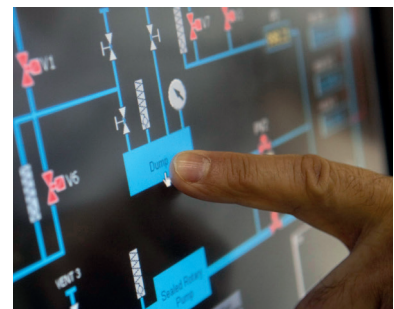
- Designed for use with both WET & DRY systems

- Compatible with other manufacturers equipment

- Remote operation via the internet



Dilution Fridge Control Panel



ICESOFT

- Software for automatic condense & circulate operations

- LABview® based drivers

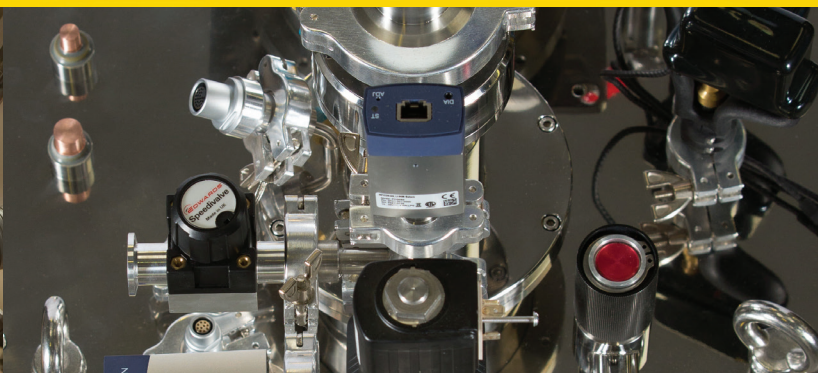
- Full monitoring and control of key parameters including: resistance, pressure and temperature

- Version 3 software enables Remote Computer Interface with customer computers





Please feel free to contact us for further information
+44 (0)1993 706 444 | sales@iceoxford.com

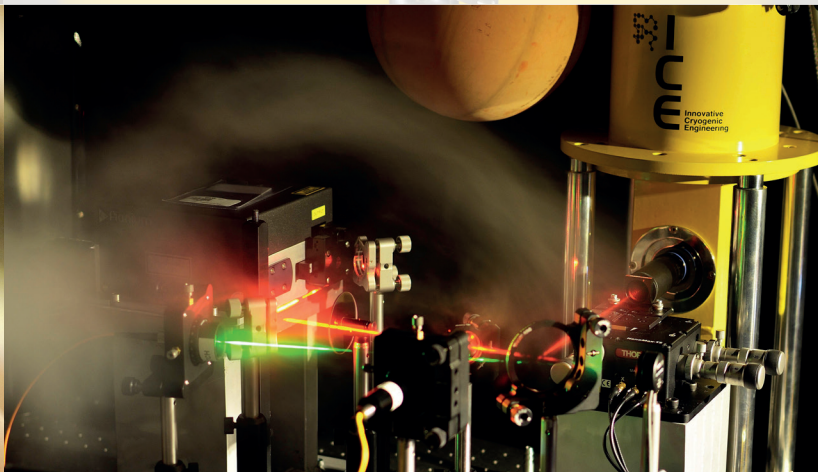


High Performance Cryogenic Systems

Tailored to meet your exact requirements

Home of the Lemon Cryostat

Here at ICEoxford you'll find a huge range of Wet and Dry Lemon Cryostats to choose from. Talk to us today.



Sample Manipulation

Ultra-low vibration