

Cryogenic systems

Cryopumps, Cold Heads, Helium Compressors



Leading provider of cryopump and helium compressor services

The Business of Science[®]





Services

Oxford Instruments' world-wide service network ensures you, our customers, receive professional and flexible support just when you need it.

■ Repair and Refurbishment Services

Fixed priced repair quotations means you know the cost and can make an informed decision on repairing or replacing your equipment. Our fixed priced repairs are as comprehensive as our refurbished products and backed by our global warranty.

■ Exchanges

We offer our own quality products, as well as most makes of cryopumps and helium compressors – refurbished and fully warranted. These are generally available off the shelf for complete peace of mind, and minimum down time.

■ Technical Support

Our support engineers will help determine if your cryopump system is operating correctly, to get you back to optimum efficiency as fast as possible.

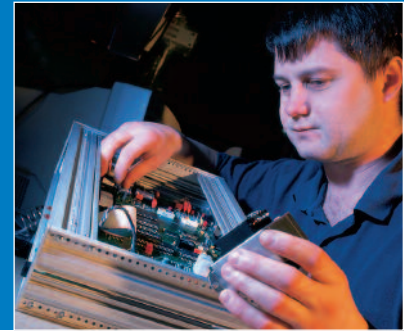
Email: cryo-support@oxinst.com or
Tel: +1 512 441 9258 or toll free +1 800 404 1055

■ Installation

On-site installation services available, to guarantee performance and save you time.

■ Training

We offer on site training to help you and your staff know more about your cryopumps and compressor systems, giving you confidence and the ability to maintain uptime.



Accessories

Complete range of engineered and manufactured accessories for cryogenic systems, selected by experts to guarantee quality and performance.

Adsorbers

New and re-manufactured adsorbers available for most helium compressors. Next day exchange service available on most models.

Arrays

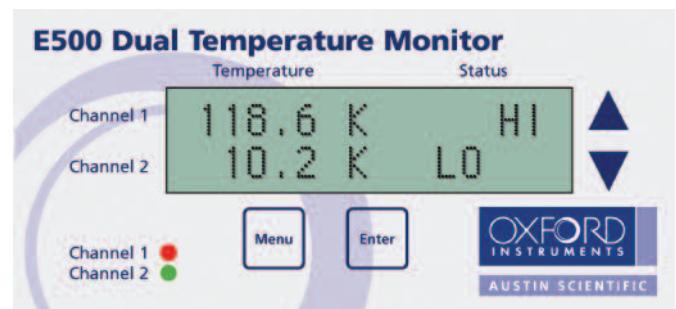
Replacement condensing arrays available for most cryopump models. Periodic replacement of the cryopump cryo-adsorbing array will ensure the vacuum system is operating at maximum performance.

Helium Lines

Customized and standard length, stainless steel flexible helium lines, and a full range of fittings and accessories, offer our customers a choice and a competitively priced service, that's second to none.

Regeneration

Complete range of regeneration controllers, temperature monitors and accessories interfacing to all standard cryopumps and compressors, giving you the flexibility you need to ensure optimal performance.





Cryopumps



Helium Compressors

Austin Scientific provides both custom and industry standard cryogenic solutions at highly competitive prices. Cryogenic vacuum pumps provide clean, oil-free high vacuum with high pumping speeds and are the pump of choice for sputtering, electron beam evaporation, accelerator beam lines and many aerospace and coating applications.

Our pumps are available in all standard sizes and inlet flange configurations - ANSI, ISO, CF and complete UHV.

CryoPlex-8

CryoPlex-8 Low Profile

CryoPlex-10

CryoPlex-16

Manufactured in our ISO 9001-2000 facility in Austin Texas, our cryopumps are operating in applications world wide in semi-conductor fabs, university research, optical coating, laser tube evacuation, nuclear physics, and space simulation chambers, to name but a few.

Also available are CryoPlex refrigerators, used to create cryogenic temperatures for material research and other applications, up to 12 watts at 20 kelvin and 65 watts at 77 kelvin.

Our network of technical sales representatives and applications engineers will help you identify the right size pump and compressor to make your spending effective.

Helium compressors are at the heart of the cryogenic pumping system, providing ultra high purity helium to single or multiple pumps. Completing our offer of cryogenic systems, Austin Scientific offers industry proven compressors at highly competitive prices. Flexible configurations to meet both your facility and application needs are available in either air or water cooled, and in both high and low voltage options.

M125

Standard industry compressor, specifically designed to run a single CP-8 or CP-8 Low Profile cryopump. Available as 208 VAC, single phase operation.

M400 / M600

Taking into account customer requirements, all of the connections, gauges and routine maintenance access panels are located on the front of the instrument to make installation and service simple.

40 / 60 scfm to drive single or multiple pump configurations, reducing operating costs.

Based on proven scroll compressor technology, these compressors are extremely quiet and vibration free and are available in both high and low voltages.

Supplied with interchangeable electrical boxes to run APD and Leybold coldheads.

M600-OB is available specifically compatible with the Helix On-Board® cryopump line.



Oxford Instruments is committed to supporting our customers' success. We recognize that this requires world class products complimented by world class support, wherever you are. For more detailed information on all our services, please contact your local distributor or one of our Oxford Instruments offices around the world.



This publication is the copyright of Oxford Instruments Limited and provides outline information only which (unless agreed by the company in writing) may not be used, applied or reproduced for any purpose or form part of any order or contract or be regarded as a representation relating to the products or services concerned. Oxford Instruments' policy is one of continued improvement. The company reserves the right to alter, without notice, the specification, design or conditions of supply of any product or service. Oxford Instruments acknowledges all trade marks and registrations.

© Oxford Instruments Austin Scientific Ltd, 2008. All rights reserved.

Part no: OIAS/02/03/08

Distributed by:

Oxford Instruments Austin Scientific

USA

4114 Todd Lane,
Austin, Texas 78744
Tel: +1 (512) 441 6893
Fax: +1 (512) 443 6665
Email: cryo-sales@oxinst.com

USA

500 Laurelwood Road,
Number 9, Santa Clara, California, 95054
Tel: +1 (408) 496 0782
Fax: +1 (408) 496 0785
Email: cryo-sales@oxinst.com

UK

Tubney Woods, Abingdon,
Oxfordshire OX13 5QX
Tel: +44 (0) 1865 393 200
Fax: +44 (0) 1865 393 333
Email: nanoscience@oxinst.com

China

No. 129, Lane 150, Pingbei Road,
Xinzhuang Industrial Area,
Minhang District,
Shanghai, 201109, China
Tel +86 (0) 21 6490 8580/8280
Fax +86 (0) 21 6490 4042
Email: sh@oichina.cn

Japan

Tokyo
Tel: +81 (0) 3 5245 3591
Fax: +81 (0) 3 5245 4466/4477
Email: oikkma@oxinst.co.jp

www.oxford-instruments.com

