



CTI Cryogenics® On-Board® IS-2000V Compressor

CTI-CRYOGENICS®

IS-2000V Offers Lower Cost of Ownership:

- Highest energy efficiency
Variable speed increases cooling capacity, reduces energy costs by at least 20%
- Single compressor solution
One IS-2000V will support up to 10 cryopumps
- Smaller footprint
Stacked design halves compressor footprint in your facility
- Lower thermal load
Cooling water load is reduced by approximately 40%
- Fault-tolerant operation
Designed to minimize operational downtime and send alerts

On-Board® IS Benefits

- Proven reliability and operational life
- Increased tool availability for higher productivity
- Intelligent cryopumping solution to maximize pump efficiency
- Optimal helium management and power savings
- Global rapid response teams

The most energy efficient compressor in the industry.

The On-Board® IS-2000V Compressor meets process engineers' demands for improved performance, greater energy efficiency, lower energy costs and design flexibility. Not only does it support up to 10 cryopumps in *half* the footprint of other compressors, the IS-2000V provides the highest energy efficiency in the industry.

The IS-2000V lowers cost of ownership with greater efficiency, higher cryopump capacity, and optimal helium management.

Brooks has developed the answer to industry demands for greater efficiency and sustainable operations¹. The IS-2000V reduces energy consumption by more than 20% and also reduces the thermal load on facility cooling water by 40%.

This compressor offers design refinements resulting in adaptable helium output and fault-tolerant operation. Variable speed operation enables dramatic power savings while the compressor runs at more efficient and higher pressures to optimize the helium output.

The IS-2000V supports new and existing On-Board® IS Cryopump applications. It leverages proven On-Board® IS technology: intelligent system controls, cryopump solution integration, robust electronics and software. Like the rest of the product line, it enables multiple pump configurations with the most efficient and cost-effective helium management solution.

¹The IS-2000V aligns with the energy reduction objectives associated with SEMI Standard S23 (Guide for Conservation of Energy, Utilities and Materials Used by Semiconductor Manufacturing Equipment), and is compliant with the RoHS (Restriction of Hazardous Substances) directive.



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VIEW OUR INVENTORY



On-Board® IS-2000V Compressor

