

BROOKS® CTI COMPRESSORS



BROOKS® CTI Cryogenics compressors provide optimum performance with Cryo-Torr®, On-Board® and On-Board IS® Cryopumps (and/or On-Board® Waterpumps).

As the leading service supplier for cryogenic vacuum systems (pumps and compressors), Global Technologies is providing a unique and complete service for standard repair or major rebuilt of all CTI BROOKS® compressors.

To manage minimum production downtime, Global Technologies proposes exchange option with fully warranted refurbished compressors.

MOST COMMON BROOKS® PRODUCT REFERENCE	
IS 1000 compressors	PN : 8135921G002 PN : 8135926G002
8200 compressors	PN: 8032549G001 PN: 8032549G002 PN: 8032550G001 PN: 8032550G002
9600 compressors	PN: 8135900G001 PN: 8135901G001

BROOKS® CTI compressors are fully inspected, repaired and tested to OEM specifications

- I** **ncoming Inspection**
- General state
 - Recording of compressor history (static charge pressure, hours and last date of service)
 - Recording of current phase of motor consumption
 - Recording of Inlet/Outlet water temperature and pressure
 - Electrical and connectors tests
 - Helium and water leak test
 - Inspection report

- R** **ebuilt Process**
- Full disassembly
 - Parts cleaning with high pressure washer
 - Control and replacement of out of tolerance parts
 - Refurbishment of :
 - Valves (By-pass and Dump)
 - Oil sections (Mist and Injection)
 - Pressure Gauge and relief valve
 - Water connectors
 - Electrical chassis
 - Replacement of all o-rings, helium absorber

- P** **erformance test**
- Helium and water leak check
 - Test on load:
 - Electrical consumption
 - Cryo cooldown time
 - Compressor cryo capacity
 - Performance data log
 - Test report
 - Special packing / crating
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Special motor oil for cryogenic usage
Ultrapure Helium 99,999% usage
