

Brooks On-Board[®] Upgrade for 3000 Systems

Turn-Key Upgrade Package:

- Brooks offers a performance-enhancing, fully-integrated On-Board Cryopump upgrade solution for all configurations of the Varian 3000 Series Sputtering System (3180, 3190, 3280, 3290):
 - On-Board 8 Cryopump with FastRegen[™] replaces existing standard cryopump
 - On-Board In-Situ Waterpump can be mounted at the Plenum, View-port or Etch chamber



Value Proposition:

- Customer will see **Increased System Availability** enabled by significant reduction in chamber pump downtime.

All upgrade inquiries must be transacted through Brooks technical support 1-800-FOR-GUTS[®]

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Features:

- Automated regenerations designed for faster, efficient regenerations
- High water pumping speeds
- Faster and improved automated regenerations
- Full Regeneration = 3 hours
- Fast Regeneration < 1 hour
- Fast Regenerations restores full capacity for process gases.
- GOLDLink[®] enabled
- Installed by experienced Brooks Engineers
- Backed by 1-800-FOR-GUTS[®]:
7x24x365 Technical Support

Benefits:

- Achieves water vapor partial pressure as low as 3×10^{-9} Torr
- Faster chamber pump down times after atmospheric exposure
- Customer results, time to base pressure
 - 3180 System, viewport mount:
 - from 24 to 8.5 hours
 - 3190 System improvements
 - from 23 to 5 hours (clean chamber)
 - from 23 to 9.5 hours (coated chamber)
- Increase sputter film quality

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