

# DEUBLIN® Rotary Union for IMPLANTER



**DEUBLIN® Rotary Unions** are widely used in the industry, especially they are used in numerous manufacturing processes to cool, heat or transfer fluid power. Rotating Unions are precision mechanical devices used to transfer fluid from a stationary source into a rotating piece of machinery.

The system is used with AXCELIS equipment **GSD's®**, **GSD/HE®**, **GSD/VHE®** and VARIAN equipment **VIISta 810®**, **VIISion 80®** and **VIISion 200®** series multi-wafer ion implanters.

As a leading service supplier of « rotating under vacuum » sub-assemblies, Global Technologies is providing a unique and complete service from repair to new OPM parts for all **DEUBLIN® Rotary Unions** installed on **AXCELIS®** and **VARIAN®** implanters.

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

| DEUBLIN® PRODUCT REFERENCES |                             |
|-----------------------------|-----------------------------|
| AXCELIS GSD                 | PN : 3000004                |
| VARIAN VIISion              | PN : E34002679 (Right Hand) |
|                             | PN : E34002680 (Left Hand)  |
|                             | PN : E11084590 (Right Hand) |
|                             | PN : E11084591 (Left Hand)  |
| VARIAN VIISta               | PN : E12103170 (Right Hand) |
|                             | PN : E12103160 (Left Hand)  |
|                             | PN : E12100680 (Right Hand) |
|                             | PN : E12100670 (Left Hand)  |

## DEUBLIN® Rotary Unions are fully inspected, repaired and tested to OEM specifications

### I ncoming Inspection

- General state
- Leak test
- Mechanical control
- Inspection report

### R epair Process

- Full disassembly
- Cleaning
- Replacement of all consumable parts (bearing, seals and spring)
- Reassembly

### P erformance test

- Air pressure test: static and dynamic
- Test report

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