

## 322703 | Eaton Gemini 3 – Axis Robot Assembly

### Features

- New Vertical Bearings
- New Leadscrew and Ball-nut
- New Rotation Bearing
- New Arm Bearings
- New Coil Cable
- New Wafer Pan Coil Tubes
- New Power Off Brake
- New Emitters
- Upper Rotation Belt
- Rotation and Vertical Belts
- New Opto-isolators
- New Coil Vacuum Line
- New Electrical Coiled Cable
- Fully Disassembled
- All Parts Cleaned
- Full Functionality Tested on an Actual Fusion Tool



### Functionality Checklist

1. Check Robot Initialization & Home Positioning
2. Check Repeatability to Left Cassette Platform
3. Check Repeatability to Right Cassette Platform
4. Check rotation to both Left & Right Cassette Platforms
5. Check Repeatability to Chamber(s)
6. Check repeatability to Left Platform Slot 1, 15 & 25
7. Check repeatability to Right Platform Slot 1, 15 & 25
8. Check Repeatability of Left Pan Extend & Retract
9. Check repeatability of Right Pan Extend & Retract
10. Wafer Vacuum Check Right Pan
11. Wafer Vacuum Check Left Pan
12. Check both Pan Vacuum Levels at Wafer Release and Wafer Clamped
13. Perform 100 Wafer Marathon

### Product List

- [249021 | Fusion Gemini 3 - Axis Robot Assembly](#)
- [322703 | Eaton Gemini 3 - Axis Robot Assembly](#)
- [322703 | Eaton Gemini 3 - Axis Robot Assembly Buy Outright](#)

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