



REPAIR

&

REFURBISHMENT

GBS
singapore

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ROBOT REPAIR

GBS
singapore

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SCOPE OF REPAIR

Robot Repair

- Level 1 : Replace consumable items and defected items
- Level 2 : Level 1 + Replace possible worn-out items
(Enhanced repair)
- Level 3 : Full Refurbishment

Warranty: Lv1 3Month, Lv2 6Month, Lv3 1year

ROBOT REPAIR

Repairable Products

▪ Brooks PRI

- ✓ ATM-100 Series
- ✓ ATM-200 Series
- ✓ ATM-300 Series
- ✓ ATM-400 Series
- ✓ ABM-100 Series
- ✓ ABM-200 Series
- ✓ ABM-300 Series
- ✓ ABM-400 Series
- ✓ VAC-407-2A
- ✓ DBM-2406
- ✓ DBM-2407
- ✓ DBM-2706-V2
- ✓ WTM-107B-2-F1
- ✓ WTM-511
- ✓ PRE-ALIGNER

▪ Brooks

- ✓ MTR5
- ✓ VTR5
- ✓ MAG7
- ✓ MAG7 ARM
- ✓ Z-BOT I
- ✓ Z-BOT II
- ✓ VCE3
- ✓ VCE4

▪ Canon

- ✓ HAND 1 (=SCH)
- ✓ RETICLE



ROBOT REPAIR

Repairable Products

- **Genmark**

- ✓ GB1E
- ✓ GB3
- ✓ GB4
- ✓ GB4S
- ✓ GB4P
- ✓ GB7 Series
- ✓ GB8 Series
- ✓ GPR-SM
- ✓ PRE- ALIGNER

- **Mecs**

- ✓ UTC-100
- ✓ UTC-200
- ✓ UTC-800
- ✓ UTC-801P
- ✓ UTX-1000
- ✓ UTW-3400

- **Others**

- ✓ FUSION
- ✓ HITACHI-
LOAD ARM
- ✓ KAWASAKI
3NS-410B



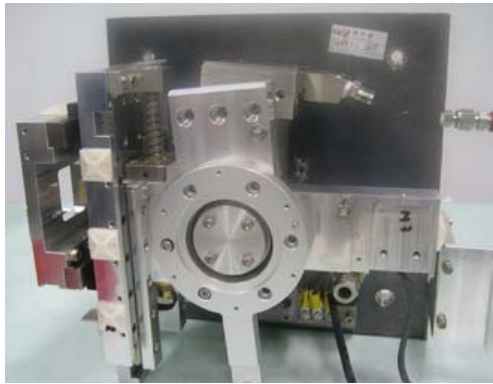


MECHANICAL REPAIR

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IMP COMPONENTS OVERHAUL



Axcelis HE/VHE
Manipulator



Viision Manipulator



Quantum III
Manipulator



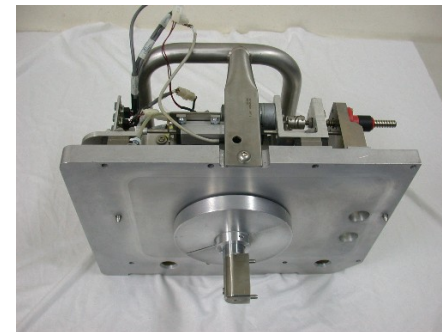
E-500
Manipulator



GSD Manipulator



AMAT Extraction



Viista 810
Manipulator

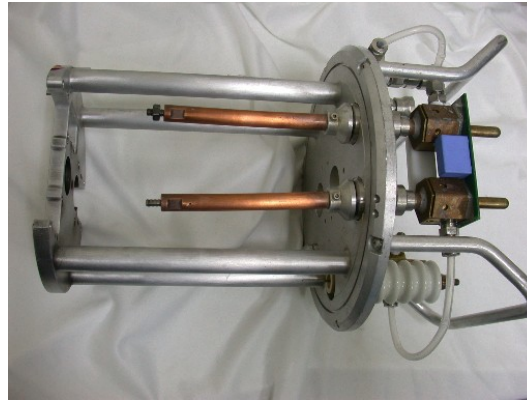


IMP COMPONENTS OVERHAUL



Flight Tube Repair

1. Vacuum Leak
2. Water Leak
3. Completed Test



Source Body Repair

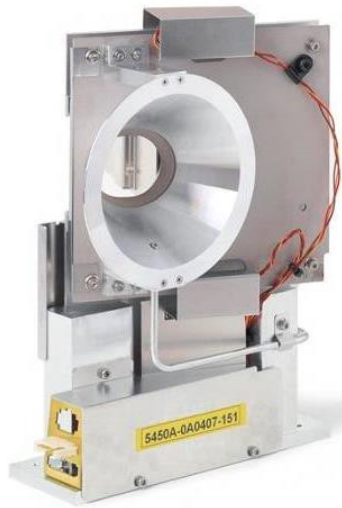
1. Vacuum Leak
2. Water Leak
3. Completed Test



Rotation Feedthrough Repair

1. Vacuum Leak
2. Water Leak
3. Completed Test

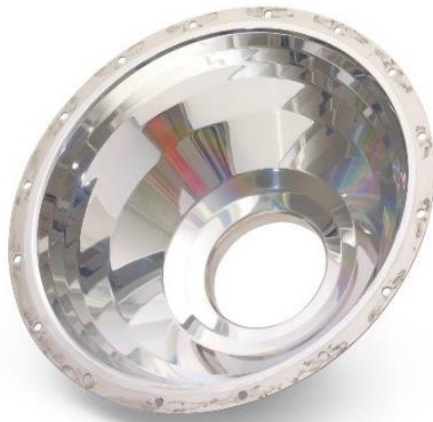
REPAIR FOR CANON, NIKON



- Canon Shutter Motor Repair
- Nikon Shutter Motor Repair
- Canon Shutter Unit Repair
- Canon & Nikon Shutter Mirror Repair & Replacement
- Canon I-Line Power Supply Repair
- 1st Condenser Main Lens Repair
- 2nd Zoom Lens Repair



AXCELLIS REFLECTOR REFURBISHMENT



PART	OEM NO.	PART NO.
Refurbishment Fusion M150	73181	PS0028
Reflector Refurbishment Fusion M200/Gemeni	99601	PS0066
Reflector Refurbishment Lamp Diffusion	477721	PS0181

REPAIR OF RETICLE & WAFER ROBOT FOR CANON, NIKON



- Wafer Robot Canon



- Reticle & Cassette Robot Canon

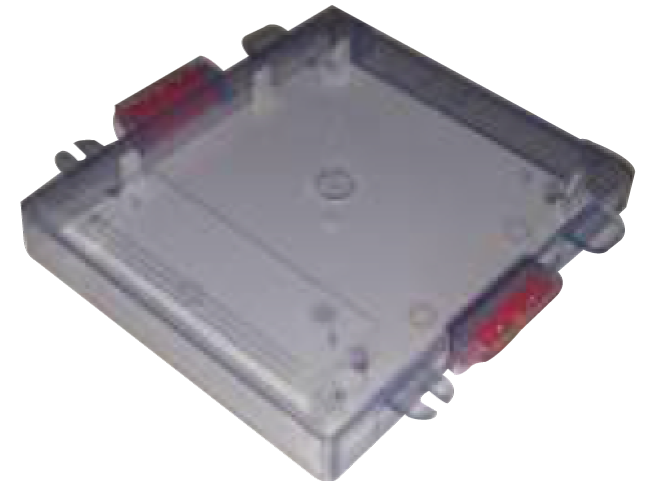
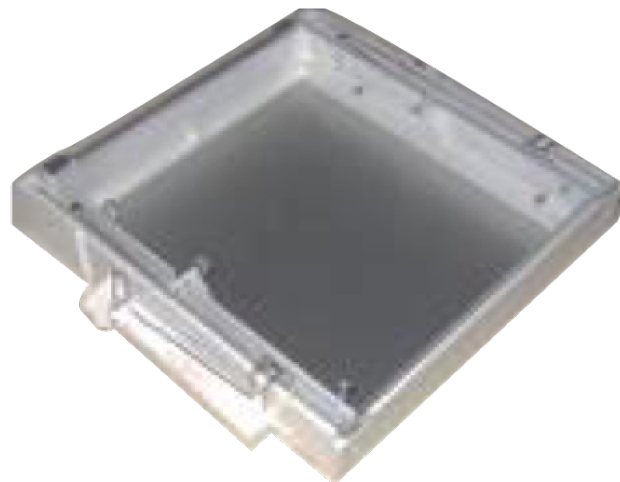


- Nikon Centertable Rotation Unit Repair
- Nikon Robot Repair

RETICLE CASES



- Nikon 5" & 6" (used OEM cases & second source cases)
- Canon 5" & 6" (second source)
- Reticle Racks/ Stockers for storage and reticle boxes in the cleanroom.





QUESTIONS? LET US KNOW!

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