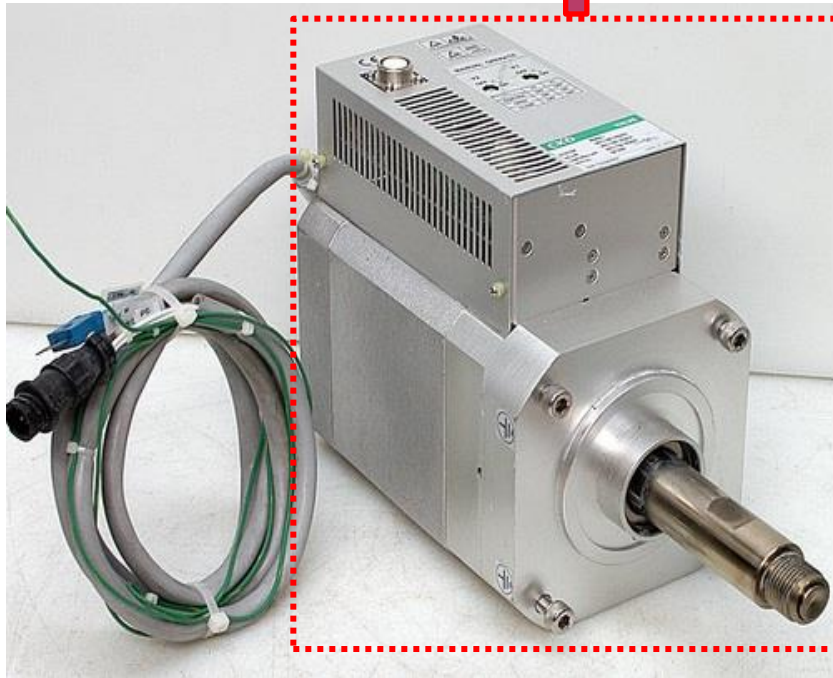


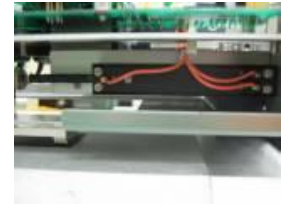
Overhaul Step 1 – Basic Overhaul



Solenoid Valve



3MB Valve



Potentionmeter



Diaphragm



Cylinder



Piston



Return Spring

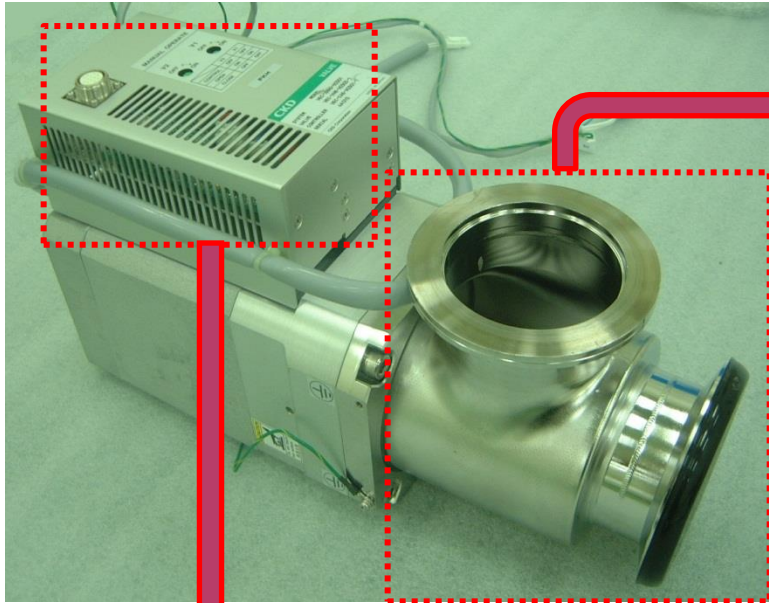


Ball Bush



Shaft

Overhaul Step 2 – Option Parts



Body : N/A Part
→ Cleaning only



Bellows

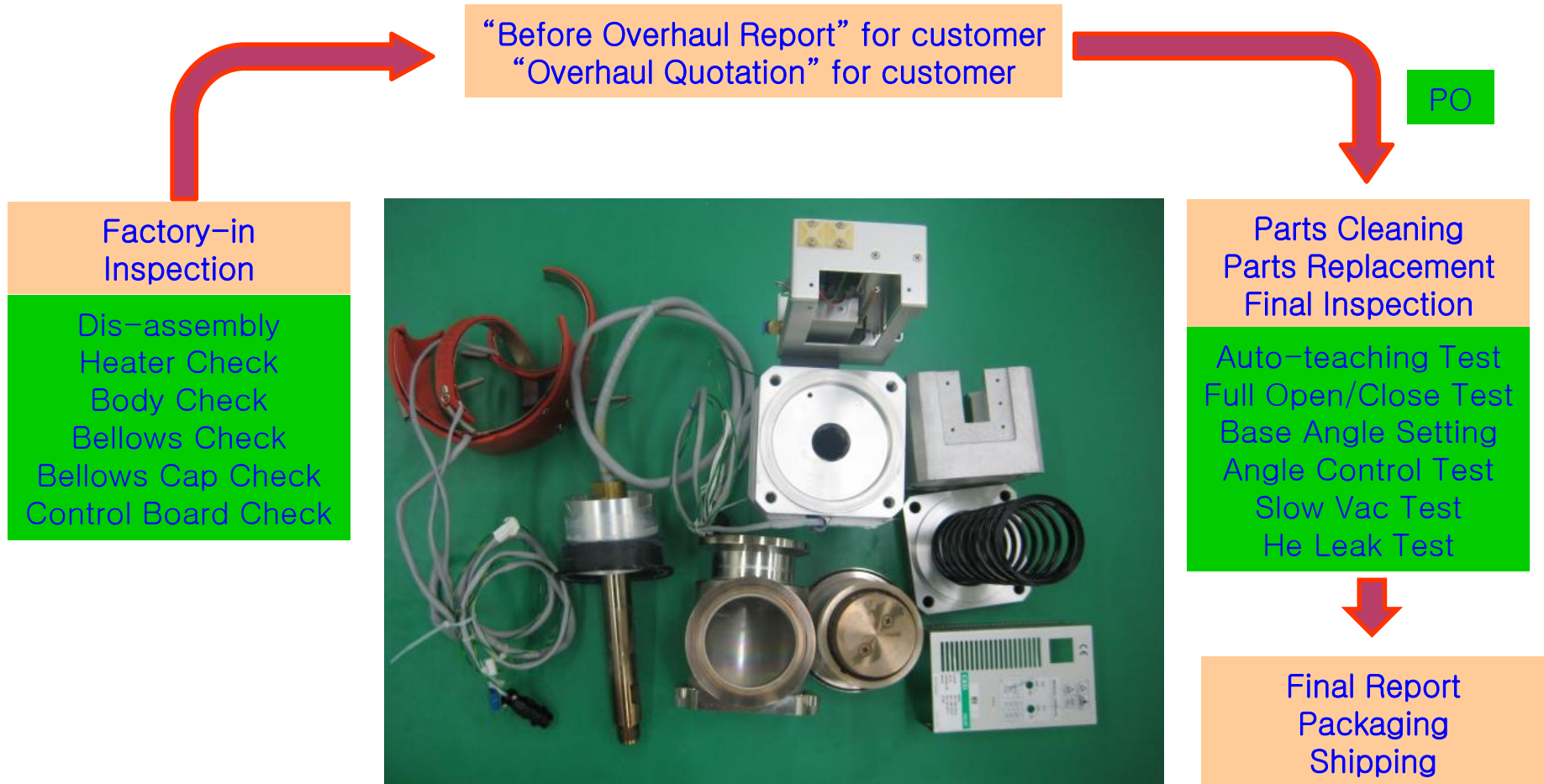


Valve Disk (Bellows Cap)



Control Board

Overhaul Process



Inspection & Test



| | Test | Spec | Remarks |
|--------------|----------------------|--|------------------|
| Leak Check | He Leak Test | $\leq 1.3E-8(\text{mbar} \cdot \ell/\text{s})$ | O-Ring, Bellows |
| Control Test | Open/Close | Valve Controller & Valve Function Tester | Full Open/Close |
| | Slow Vac. Test | | Pressure Control |
| | Angle Control Test | | |
| | Auto Teaching Test | | |
| Heater Test | Outer Heater R Check | 29.3 ~ 52.9 Ω | |
| | Ring Heater R Check | 89.2 ~ 108.0 Ω | |