

# Large Volume Production Equipment

## BC7000 Atomic Diffusion Bonding Equipment

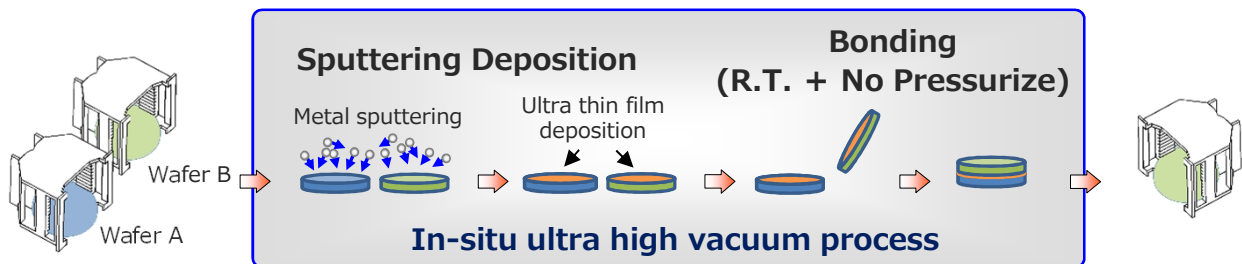
Room temperature diffusion bonding by atomic rearrangements



### Features

- ✓ Bonding at room temperature
- ✓ No pressure during bonding
- ✓ High bonding strength
- ✓ Bonding of any similar or dissimilar materials

### Process Flow in ADB Chamber



## MRAM Solution

### NC7900 Sputtering Equipment



### Features

- ✓ De-Facto Tool for Magnetic RAM Production.
- ✓ MR ratio over 220% at RA  $20 \Omega \cdot \mu\text{m}^2$ .
- ✓ High Throughput with excellent performance.
- ✓ Excellent film thickness uniformity.

### NC8000 Ion Beam Etching Equipment



### Features

- ✓ Unique Clamp-less rotational holder achieves excellent Ion Beam Etching (IBE) uniformity.
- ✓ RIE is available as well as IBE for MTJ trimming (Cleaning) to keep good magnetic properties.
- ✓ Suitable for Magnetic device mass production.