

ATS-PVD Series DC Sputter for Precision Molds Release-Coating



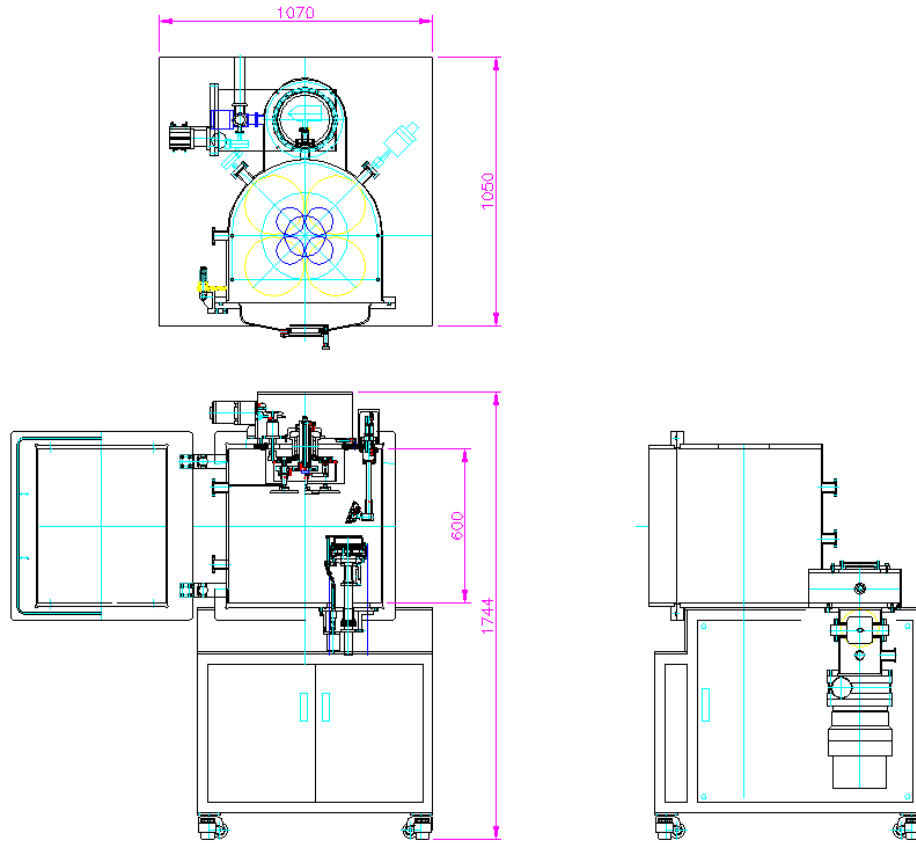
Special Features

- ◆ Ion beam-assisted dc sputter system for release coating on precision mold
- ◆ Equipped with three sputter guns and one ion gun
- ◆ Multilayer deposition and codeposition available
- ◆ Substrate heated up to optimum value in a short period, using halogen lamp
- ◆ Designed with appropriate heat protection for other parts, except for substrate
- ◆ Substrate rotation & revolution
- ◆ Applications
Release coating of precision mold for forming digital camera and mobile phone lenses

Glass lens molds

- ◆ Molds capacity
90,000 ea /year
- ◆ Dimension
1,100L × 1,200H × 1,100W (mm³)
- ◆ Others
Power: 3 set of dc sputter gun (3kW)
1 set of dc bias (10kW)
Gas : Ar/N₂
Pump: rotary(970l/min) & turbo(1,250l/s)
Heater : halogen lamp (max. 600°C)
Control: LabView-based PC control

◇ Layout



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