CW-Shibaura

Equipment / Machine Listing	
Equipment name	BM-1400PC Multi-Layer Sputtering Equipment
Equipment using purpose	Hydrophilic Mirror for Automobile and head up display coating Glass
The first installed	Jan.25, 2005 – Purchasing
Vintage	March.02, 2024, Now it is installed in Clean Room and operatable, testable and Inspectable in any time.
Manufacturer	Shibaura Mechatronics Corporation
Specification	Specification (English)
Features of Equipment	Production equipment for photo catalyst mirrors, it can also be used as multi-purpose multi-layer film sputtering equipment.
Specification	■ Features ; ➢ World's highest speed mass production sputtering technology for optical discs. ➢ Supports mass production and continuous operation ➢ Productivity improved by combination of upstream equipment and downstream equipment ➢ Film characteristics dramatically better than with conventional methods (coating or evaporation) ➢ Environmentally conscious design in terms of space saving and energy saving ➢ Max Substrate size : diameter 250mm,. and its thiknes 2.0mm ➢ Sputtering thickness 100nm(TiO2) 7nm (T-SiO2) 50nm (B-SiO2)

Advantages of Equip	➢ Single-wafer load lock sputtering equipment ➢ Supports wafers up to a maximum of eight inches ➢ Five processing chambers (Sio2 : 2 layer, Tio2 : 2 layer) ➢ Inverse sputtering with our original cup gun method secures less damage ➢ Heating unit included
Application	Hydrophilic Mirror Sputtering for automobile side mirror
Sales Record	Hydrophilic Mirror Sputtering for automobile side mirror and DENSO's Head Up display