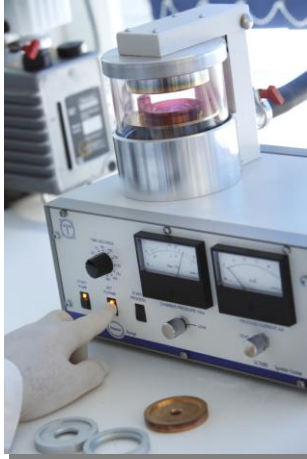


Product Information Sheet – “Mini” Sputter Coater



"Mini" sputter coater; Vacuum base with 1.2 kV power supply, vacuum gauge, milli-ammeter, 180 second timer with 15 seconds resolution, height adjustable specimen stage, 100mm diameter Pyrex glass cylinder mounted on aluminium collar with 'O' ring seals. Magnetic deflection head with gold target*, hinged pillar for easy access. One metre of vacuum tubing with fittings & comprehensive operating manual.

*Note: different targets can be specified (see list below).

Also required; 50 l/min two stage rotary pump with oil mist filter and a suitable gas supply for sputtering, such as a commercial cylinder of argon gas (Zero Grade) fitted with a two-stage regulator, at approximately 0.5bar.

OPTIONS

Add-on carbon evaporation

CA7625F Carbon fibre evaporation attachment consisting of Power supply, carbon fibre head, includes 1m A0819 carbon fibre and 100mm high glass chamber (gives extra source to sample height needed evaporation).

ADDITIONAL CONSUMABLES: **SPARE SPUTTERING TARGETS**

Additional targets can be supplied:

SC502-314A Gold target 57mm, diameter, 0.1mm thick
SC502-314B Gold/ palladium, target 57mm diameter, 0.1mm thick
SC502-314C Platinum target, 57mm diameter, 0.1mm thick
SC502-314D Nickel target, 57mm diameter, 0.1mm thick
SC502-314E Silver target, 57mm diameter, 0.1mm thick
SC502-314G Palladium target, 57mm diameter, 0.1mm thick
SC502-314H Copper target, 57mm diameter, 0.1mm thick

DOUBLE THICKNESS TARGETS:

SC502-314A/0.2mm Gold target 57mm, diameter, 0.2mm thick
SC502-314B/0.2mm Gold / palladium, target 57mm diameter, 0.1mm thick
SC502-314C/0.2mm Platinum target, 57mm diameter, 0.1mm thick

CARBON FIBRE:

C5421 Carbon fibre cord (100cm)
A0819 Carbon fibre (High Purity Grade) cord (100cm)



Warranty: 12 months as standard. Warranty is back to factory, parts and labour (excluding consumables)