

## 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 silver\*target, head mounted on hinged pillar. 1 metre of vacuum tubing with fittings

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



Comprehensive operating manual.

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**Also required; 50 l/min two stage rotary pump with oil mist filter**

### 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)**