Cressington 308R Coating System

The Cressington 308R-EM coating system offers all the flexibility of a large 12″ bell jar system on a compact fast pumping desktop system without the need for water-cooling. The system is optimized for all high resolution quality coating tasks in today's EM lab such as:

- Carbon coating for TEM support films
- Metal shadowing
- Carbon coating for EPMA and/or EBSD
- Glow Discharge cleaning of TEM grids
- Glow Discharge cleaning of FESEM samples
- Sputtering non-conductive specimens for FESEM or SEM

The Cressington 308R-EM coating system configuration includes:

- 308R pumping station with 9xKF40 feedthrough collar and light weight stainless steel chamber
- EM300 Evaporation supply and carbon and metal evaporation sources
- DC100 sputter supply with one sputter source assembly and Glow Discharge Unit
- Glow discharge cleaning assembly
- Shutter assembly
- Static specimen table
- MTM-10 thickness monitor system

The Cressington 308R-EM has been designed with the "no compromise on quality" philosophy, to deliver a versatile quality coating system for today's demanding EM applications. The system can easily be upgraded with a rotary-tilting stage for low angle rotary shadowing or rotary-planetary-tilting stage for topographic samples. For ultra high resolution coatings the 308UHR system is the best solution.