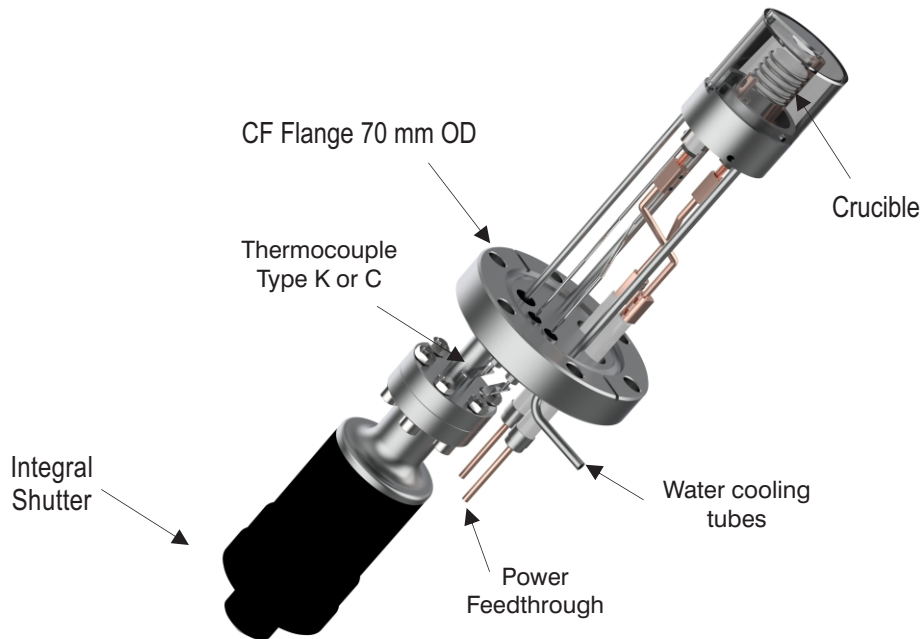


Effusion Cell

Model: Evap40



Description

Effusion cell model Evap40 is a miniature vapor source of wide range solid state materials that are suitable for evaporation from crucible by thermal radiation from the surrounding tungsten heater.

The temperature range is from 50 °C to 1200 °C. It is designed for deposition of uniform thin films under ultra high vacuum conditions onto the substrate from sub-monolayer thickness to multilayered thin film.



Canada: 200 Stronach Cres., London, Ontario, N5V3A1
USA: 6405 Inducon Drive West, Sanborn (Niagara County), NY, 14132
TEL. (519) 457-0878, FAX (519) 457-0837
E-mail: info@ocivm.com
Website: www.ocivm.com

Specifications:

Mounting flange: DN40CF with 100 mm vacuum insertion length and 34 mm O.D.

Water cooling: internal water flow reducing components outgassing

Filament: Tungsten filament heater with current range 0-20 A

Evaporating Source Crucibles: BN, Quartz, Alumina, Ma, Ta, W, and Graphite

Thermocouple: K or C type

Crucible materials: Ma, Ta, W, Graphite

Liner Material options: BN, Quartz, Alumina

Shutter: integral manual shutter