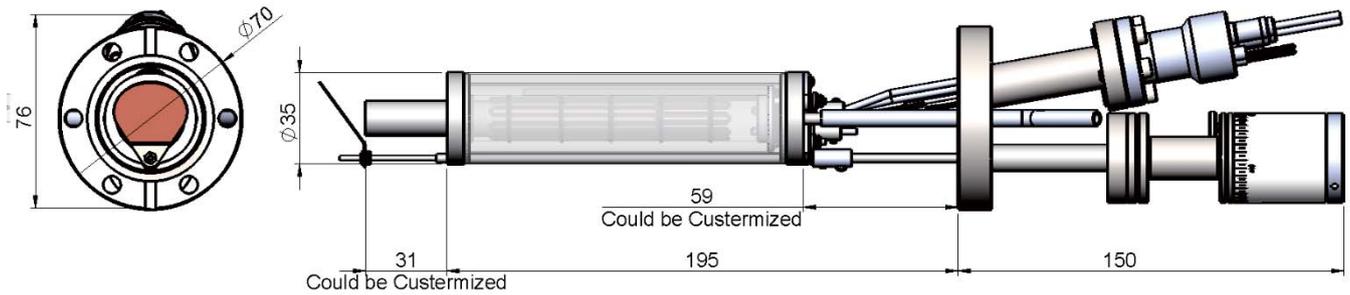


Evaporators

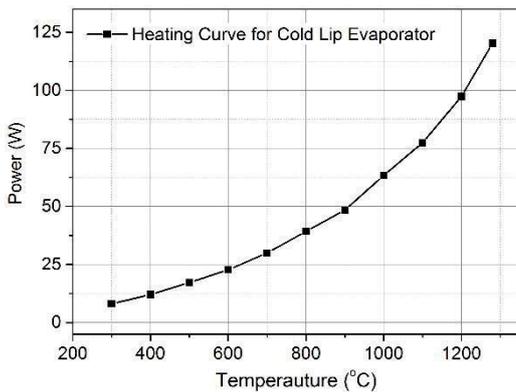
Cold Lip Effusion Cell



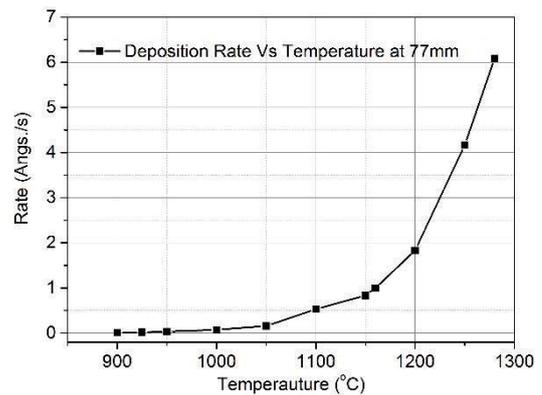
All dimensions in mm

A cold lip filament Effusion Cell is a revised version of the standard evaporators. The heating element is special wired that the heating power is reduced at the lip of the evaporator. This fact and some additional shielding leave the crucible lip clearly cooler than the lower parts. This is required for Aluminum evaporation for example.

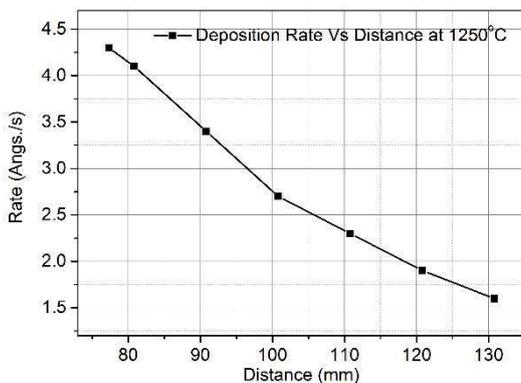
A flux guide cap could be installed on the cold lip evaporator so that the flux is more focused to the substrate.



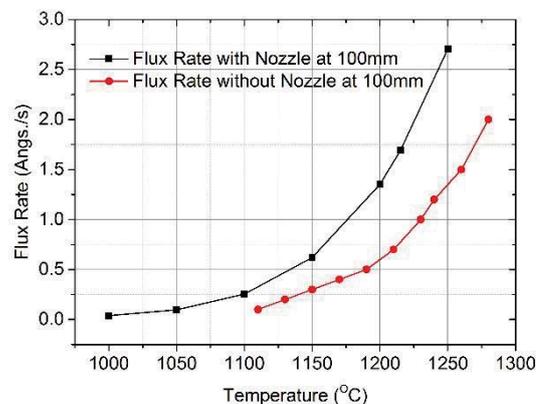
Power Test



Deposition Rate vs Temperature



Deposition Rate vs Distance



Influence of Nozzle on Deposition Rate