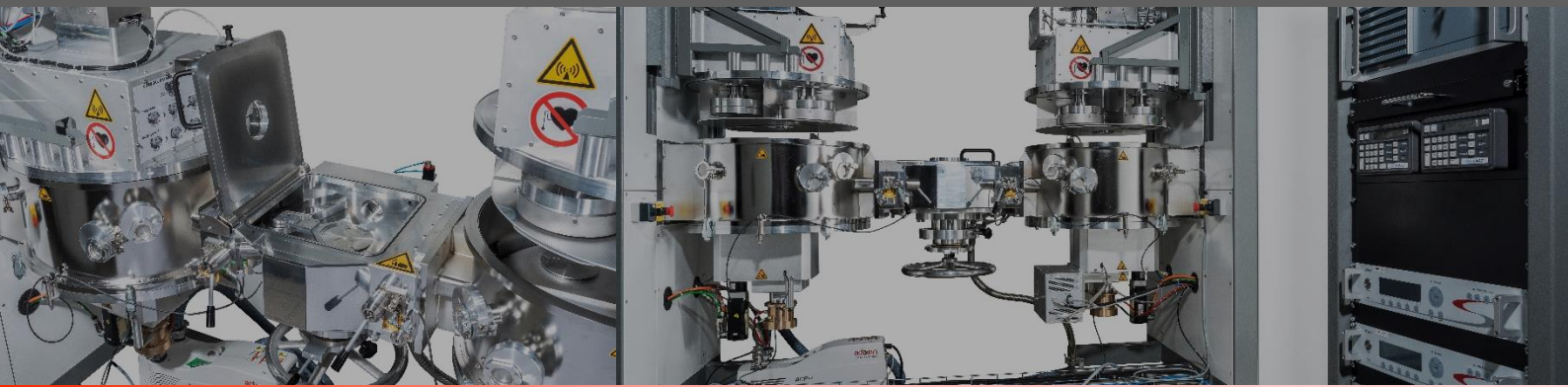


Vacuum > PVD Thin films > Leak testing > Plasma



High throughput Electron beam evaporator

EVA900

by



allianceconcept

EVA900 : Programmable evaporator

The EVA 900 is a vacuum evaporation unit which, because of its size, can be used to manufacture optical coatings in the broadest sense of the term.

Fitted with one or more evaporation sources, the equipment is controlled by a quartz thickness gauge combined with an optical system to guarantee precise, repeatable control of the processes carried out. A surface activation cell, either by ion beam or effluage, is also used to optimise the quality of the deposited films.



Thermal beam



Dome



Main features

Vacuum chamber diameter	900
Height	1050 mm
Volume	865 litres
Ultimate vacuum (cryogenic configuration)	$<1.10^{-7}$
System throughput	84 x dia. 2 inches 20 x dia. 6 inches
Planar configuration uniformity	$< \pm 5\%$ over the entire dome
Through the wall installation	Yes
Fully automatic system controller	Programmable controller

[1] These values have been measured on equipment we have delivered and should be handled as information only. The features of a system depend on its final configuration.

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