

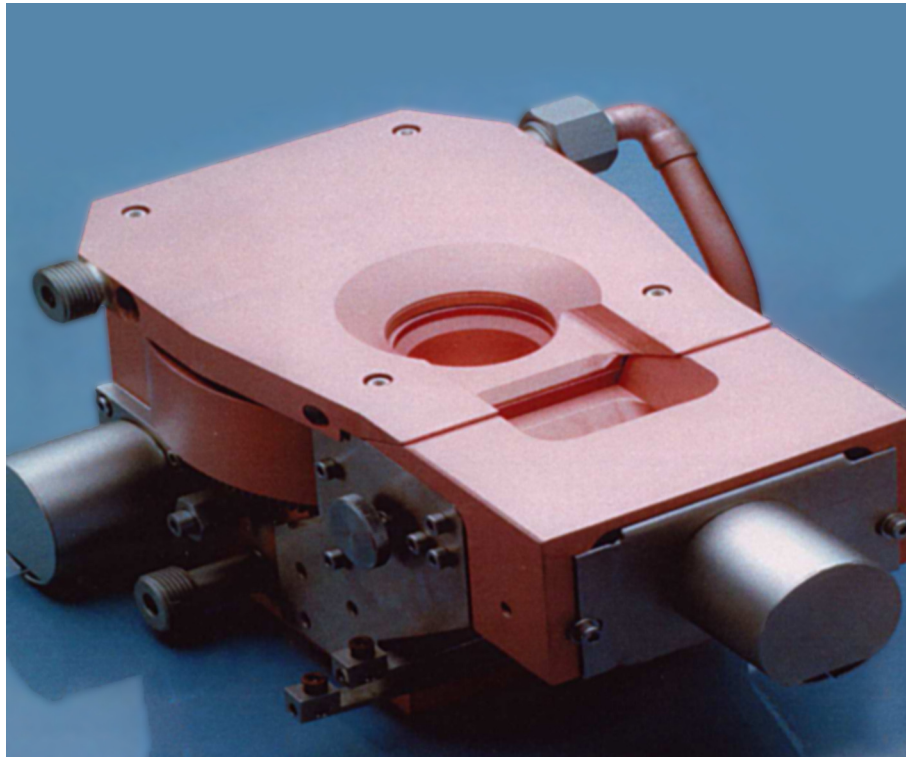
ESV 14/3 14/4 Electron Beam Evaporator

The electron beam evaporator ESV 14/3 14/4 is a truly universal model which meets all the requirements in laboratory and production. The special design of the crucible cooling guarantees the maximum rated power of 14 kW. Its excellent beam quality and optimal beam deflection properties allow in particular gentle evaporation of metals.



CUSTOMER SUPPORT

Components



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Features

- Used for evaporation of multi-layer systems, especially metals
- Rotary crucible drive by an integrated and vacuum sealed mounted high performance DC motor with “Ferrofluid” rotary feedthrough
- The crucible is positioned using non-contact proximity switches
- Self-adjusting beam generation system
- Cooling water consumption
- Including mounting accessories

Characteristics **ESV 14 3/4**

	ESV 14/3	ESV 14/4
Beam Power output	14 kW	14 kW
Cathode heating	7.5 V / 40 A	7.5 V / 40 A
Main deflection with permanent guide magnet	270°	270°
Weight without crucible	16 kg	16 kg
Dimensions (l x w x h)	280 x 200 x 127 mm	280 x 200 x 127 mm
Crucible	3 pocket Ø 40 mm 3 x 40 cm ³	4 pocket Ø 40 mm 4 x 40 cm ³
Article No.	10022271	10022739

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