



*Quality and Value
Through Engineering*

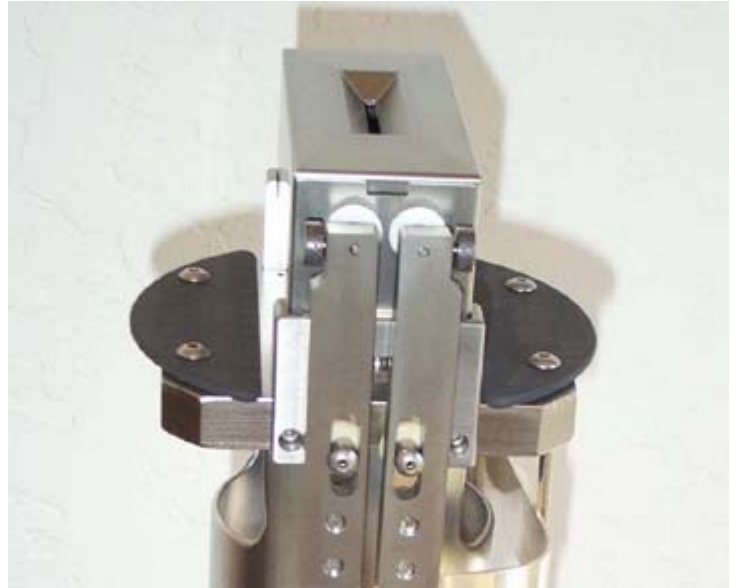
- ◆ Converts a VSEA 120 – 180 Series from Freeman to Bernas source
- ◆ Fewer source changes
- ◆ Less down time
- ◆ Improved Beam Current Boron 4.5 – 5.5 mA @ 40-60 Kev on 180XP throughput ~ 36 wafer/hr @ IE16



Ion Source with a Signet Bernas Arc Chamber installed.

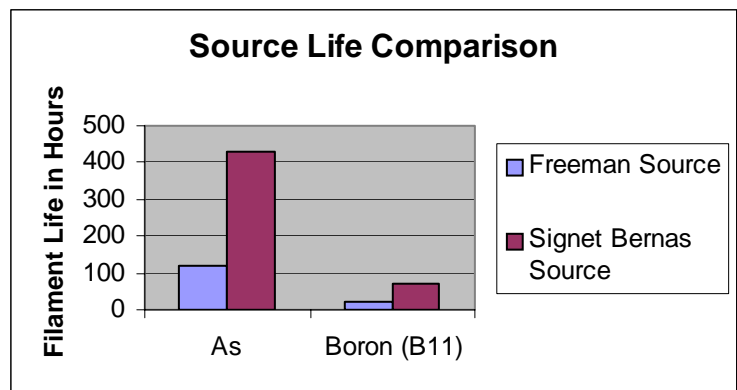
VSEA – ION SOURCE
Model 120 / 160 / 180 SERIES

Since 1996 Signet's Bernas Source Conversion Kit



Conversion Kit Signet Part Number 1044

Signet Product's Bernas conversion kit is designed to reduce operating costs by both increasing source life and reducing overall parts costs:



Ref. = Design Alteration of OEM Part