

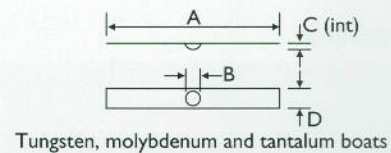
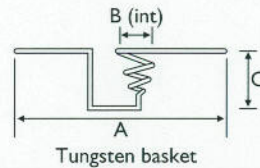
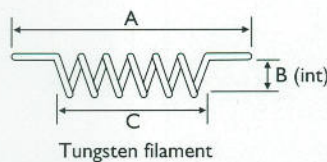
Our range of process consumables has been specially selected for use with the HHV Ltd range of coating systems. We also offer our range of process accessories which allow users to upgrade or replace components on existing Auto306 and Auto500 systems.



### Process consumables

#### Resistance evaporation sources

To fit the standard Auto306/500 single resistance sources holder or the 4-position turret resistance source. These sources are also suitable for small coating systems from other manufacturers.



Type	Description	A (mm)	B (mm)	C (mm)	D (mm)	Typical current (A)	Part number	Price (pack of 10)
WA2	Tungsten filament	75	4.8	25		40-60	100102	Enquire
WA4	Tungsten filament	75	6	25		40-60	100104	Enquire
WB2	Tungsten basket	75	4.8	12		40-60	100152	Enquire
WB6	Tungsten basket	75	13	12		80-100	100156	Enquire
MCI	Molybdenum dimple boat	50	5	1.5	6	60-70	100201	Enquire
WC1	Tungsten dimple boat	50	5	1.5	6	70-80	100202	Enquire
TC1	Tantalum dimple boat	50	5	1.5	6	50-60	100203	Enquire
MC3	Molybdenum dimple boat	50	9	3	10	100-120	100301	Enquire
WC3	Tungsten dimple boat	50	9	3	10	140-150	100302	Enquire
TC3	Tantalum dimple boat	50	9	3	10	100-120	100303	Enquire



#### Quartz monitor crystals

Industry-standard 14mm / 0.55" diameter 6MHz quartz monitor crystals. Available with gold coating for deposition of low-stress materials such as Au, Al, Ag and Cu, or silver coatings for higher-stress materials such as Ni, Cr and Ti.

Type	Description	Part number	Price (pack of 10)
CRYS01	14mm, 6MHz quartz crystal, gold coated	300021	Enquire
CRYS02	14mm, 6MHz quartz crystal, silver coated	300022	Enquire

## Liners and filaments for EB3 electron beam source

These liners are selected for use with the EB3 and other electron beam sources with 4cc hearths. The filaments are a direct replacement for the EB3 and may also be used with older model EB1 sources.



Type	Description	Part number	Price (each)
4CCGR	Graphite liner for EB3 source with 4cc crucible	100401	Enquire
4CCMO	Molybdenum liner for EB3 source with 4cc crucible	100402	Enquire
4CCBN	Boron nitride liner for EB3 source with 4cc crucible	100403	Enquire
4CCIN	Intermetallic liner for EB3 source with 4cc crucible	100404	Enquire
4CCAO	Aluminium oxide liner for EB3 source with 4cc crucible	100405	Enquire
EB3FIL	Filament for EB3 source (also fits EB1)	100411	Enquire

## Process accessories

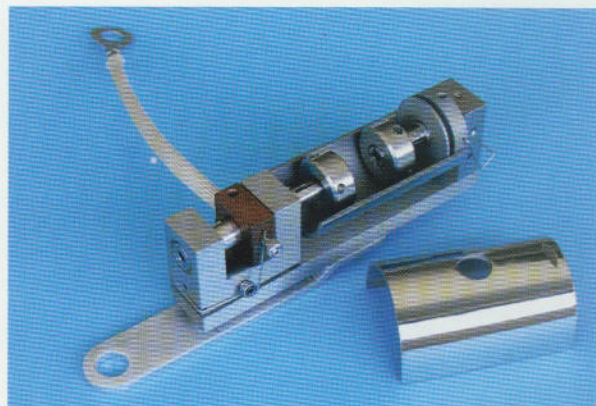


### Resistance source holder

Manufactured to the original drawings the resistance source holder is available as a replacement item or as an addition to your coating system.

## Single carbon evaporation source

As fitted to many Auto306 systems the carbon source is used for TEM sample preparation. Supplied with 6mm and 3mm carbon rod and collets.



### We also supply

- Bell jars and glass cylinder chambers
- Bell jar gaskets
- Windows, gaskets and liners for FL400 chamber
- Replacement evaporation source insulators
- Insulators for EB3 source
- Base plate leadthroughs
- 4-position turret resistance source
- Rotatilt 3 electron microscopy workholder drive and accessories

And many more. Please contact us with your requirements.



### HHV Ltd

Unit 2, Stanley Business Centre, Kelvin Way, Crawley, West Sussex,  
RH10 9SE, United Kingdom. Tel +44 (0) 1293 61 1898. Fax +44 (0) 1293 512277.  
Email: [info@hhv ltd.com](mailto:info@hhv ltd.com) [www.hhv ltd.com](http://www.hhv ltd.com)