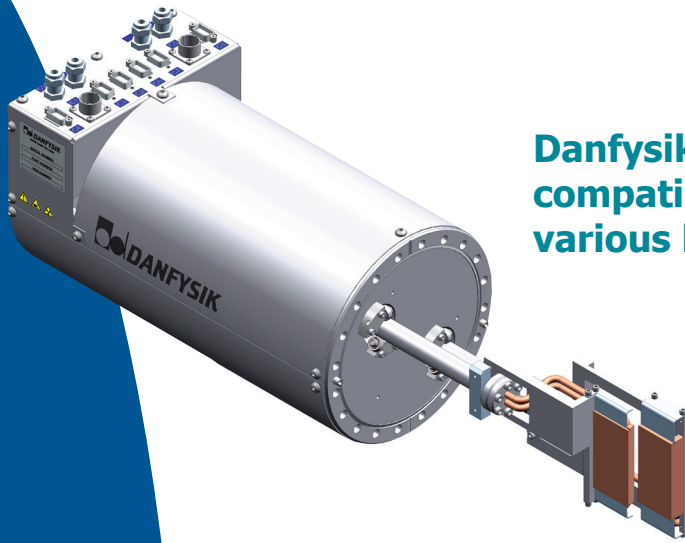




DANFYSIK

Command devices



Danfysik has a suite of UHV compatible command devices for various beam modifying processes.

Slits for precise cutting/horizontal definition of the beam and to remove beam scatter.* Slits are often used in combination with faraday cups to determine beam charge and mass spectra.

- Single and dual systems available
- Cooled and un-cooled systems for a range of powers
- Stepper motor actuator for blade positioning
- Integrated position feedback to provide absolute positioning accuracy of +/- 0.1 mm

* Simple pneumatic actuator based aperture screens also available

Scrapers for dumping redundant ions

- Stepper motor actuator for positioning into the beam
- Integrated position feedback to provide absolute positioning accuracy of +/- 0.1 mm
- Precisely machined copper edging

Foils strippers for changing ion charge state

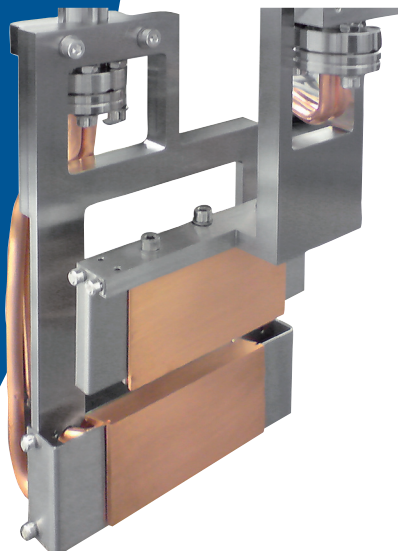
- 10 foils per system to minimise down-time
- Self supporting foils for location into integrated foil ladders*
- Stepper motor actuator for accurate foil placement
- Integrated position feedback providing absolute positioning accuracy of +/- 0.1 mm

* Spectrographically pure carbon films currently catered for

Control

- Bespoke electronic architectures for stepper motor control available, including top-level multi-device controllers

Specifications are subject to change without notice.



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