

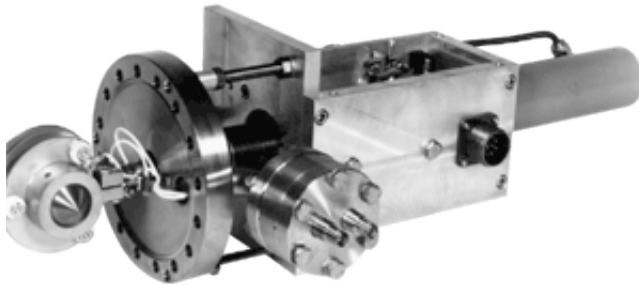


Faraday Cup

ti

[\[Home\]](#) [\[Company\]](#) [\[Products\]](#) [\[Catalog\]](#) [\[Shows\]](#) [\[Employment\]](#) [\[Prev\]](#) [\[Next\]](#)

AC-3/FD-1 Faraday Cup with Linear Actuator Assembly



Typically used as a remotely removable Faraday Cup in a charged particle accelerator beamline.

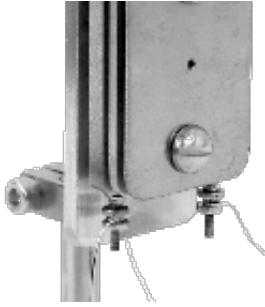
Specifications

- 3" travel, bellows sealed
- 6" O.D. flange, mounted
- 1/2" diameter actuator shaft
- "In" position adjustable ± 0.25 " in two axes
- Actuator reproducibility less than 0.010"
- Air operated, electro-pneumatic valve installed
- 400 W maximum power (with optional ceramic wire insulation, Teflon[®] normally supplied)
- With secondary electron suppression ring
- Tantalum cup, face shield and screw covers to minimize induced activation
- "Signal" and "B-" BNC feedthroughs
- Mounting flange face to cup centerline (in position) distance: 5.31" (standard 4" tee or cross suitable as operating chamber)
- Cables not included.

Price **\$4,795.**

FD-0.4 Faraday Cup Assembly





Specifications

- Maximum active area: 1 cm diameter
- Cup face plate drilled per customer requirements
- Tantalum face and cup lining
- With secondary electron suppression ring
- Stainless steel, tantalum and alumina construction
- 1/4" shaft mount, orientation per customer requirements
- Requires two electrical connections (HV and signal)

Price \$750.

[\[Home\]](#) [\[Company\]](#) [\[Products\]](#) [\[Catalog\]](#) [\[Shows\]](#) [\[Employment\]](#) [\[Prev\]](#) [\[Next\]](#)

[Thermionics Vacuum Products](#)

Phone: 800-962-2310

Viton® is a registered trademark of DuPont Dow Elastomers.
