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6cm RF Ion Beam Source

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Part Number: 06RF
Description: 6 cm RF ion beam source
Options:

Grid assembly	Choose an option
Interface kit	Choose an option
Neutralizer	Choose an option
RFN interface	Choose an option
Power Supply	Choose an option
RF Matching	Choose an option
Cable Kit	Choose an option

SKU: 06RF Category: 6 cm RF Source Tags: Ion Beam Accessories, Ion Beam Parts, Ion Beam Power Supplies, Ion Beam Services, Ion Beam Source, Ion Beam Systems

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6 cm RF Source

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Description | Additional information | Extra info

Description

Our smallest ion beam source, the 6cm RF can provide all the benefits of radio frequency ion source technology in a smaller, more compact, and less expensive form. With a maximum beam current of 200mA at 1500V, the 6cm source is ideal for research and smaller production systems.

This source also finds a home in etch and ion beam figuring (IBF) systems with its highly divergent or highly convergent grid options. The body of this source is not water-cooled, thus requiring only two feedthroughs, RF power and DC Bias/Gas. Designed around the flexibility of internal mounting, the 6cm source is also capable of being mounted directly to a flange for process flexibility. As with all RF sources, the 6cm source can be run with both inert and reactive gases, making the 6cm ideal for any ion beam process.
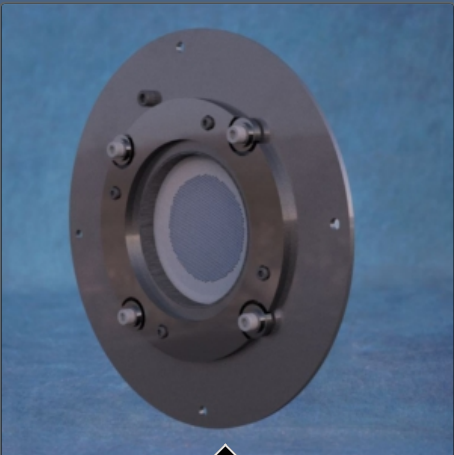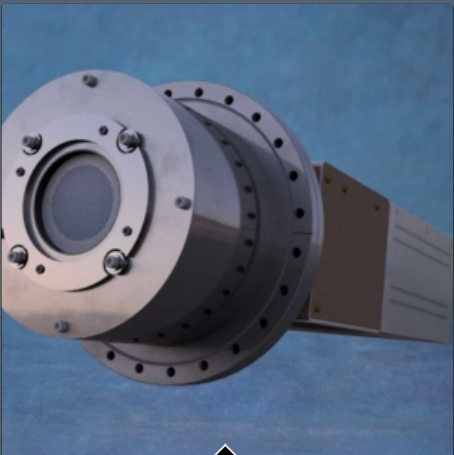
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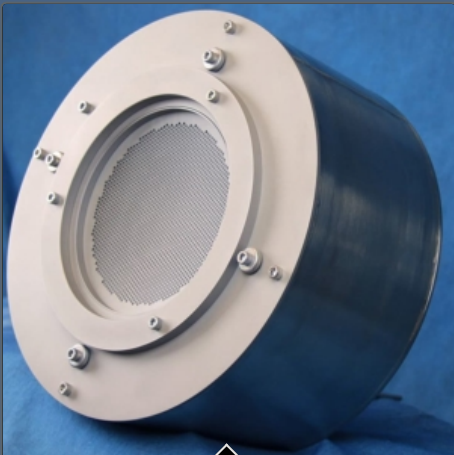
12 cm RF Ion Beam Source

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6 cm Grid Assembly, 3 Grid Moly, 25 cm FP Convergent with Mount Hardware

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6 cm Interface Kit, 10" CF Flange Mount

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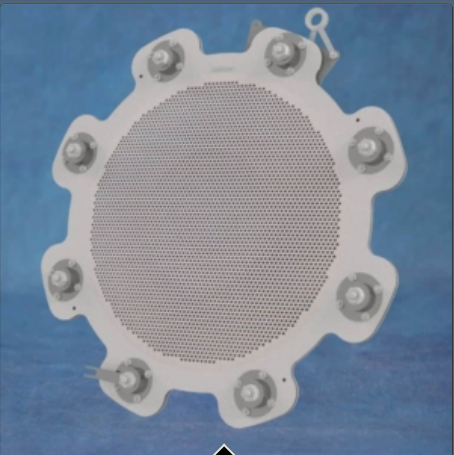
16 cm Grid Assembly, 3 Grid, Moly, 3 FP 104/72/40 cm, Ø65/Ø35 Spacing, S Ø20 Thick

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