



National Electrostatics Corp.

CARBS IBA ACCELERATOR SYSTEM



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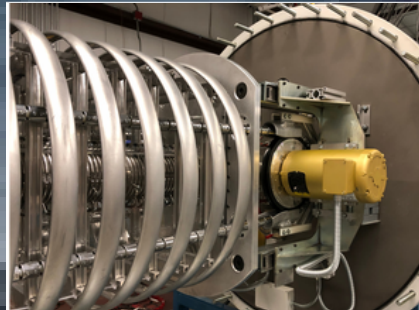
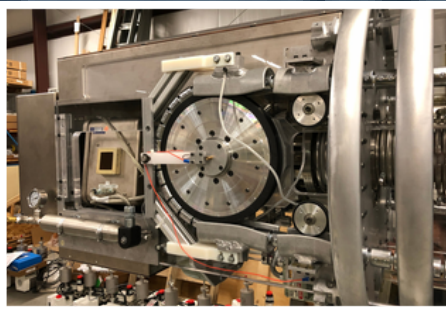
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NEC offers the CARBS System, a completely automated instrument for ion beam analysis (IBA).

- 2.5 MV terminal
- Single-ended
- S-series column
- 2 chains ($\geq 120 \mu\text{A}$ beam current)
- Capacitive liner ripple $< 80 \text{ V}_{\text{rms}}$
- $\sim 500 \text{ V}$ Stability
- (+) RF ion source



IBA Application:

Particle Induced X-Ray Emission (PIXE)

Related Industries:

- Environmental & Pollution Studies
- Archaeology & Cultural Studies
- Material Science
- Planetary Exploration
- Geology & Mineral Analysis
- Radioactivity
- Biology
- and more...