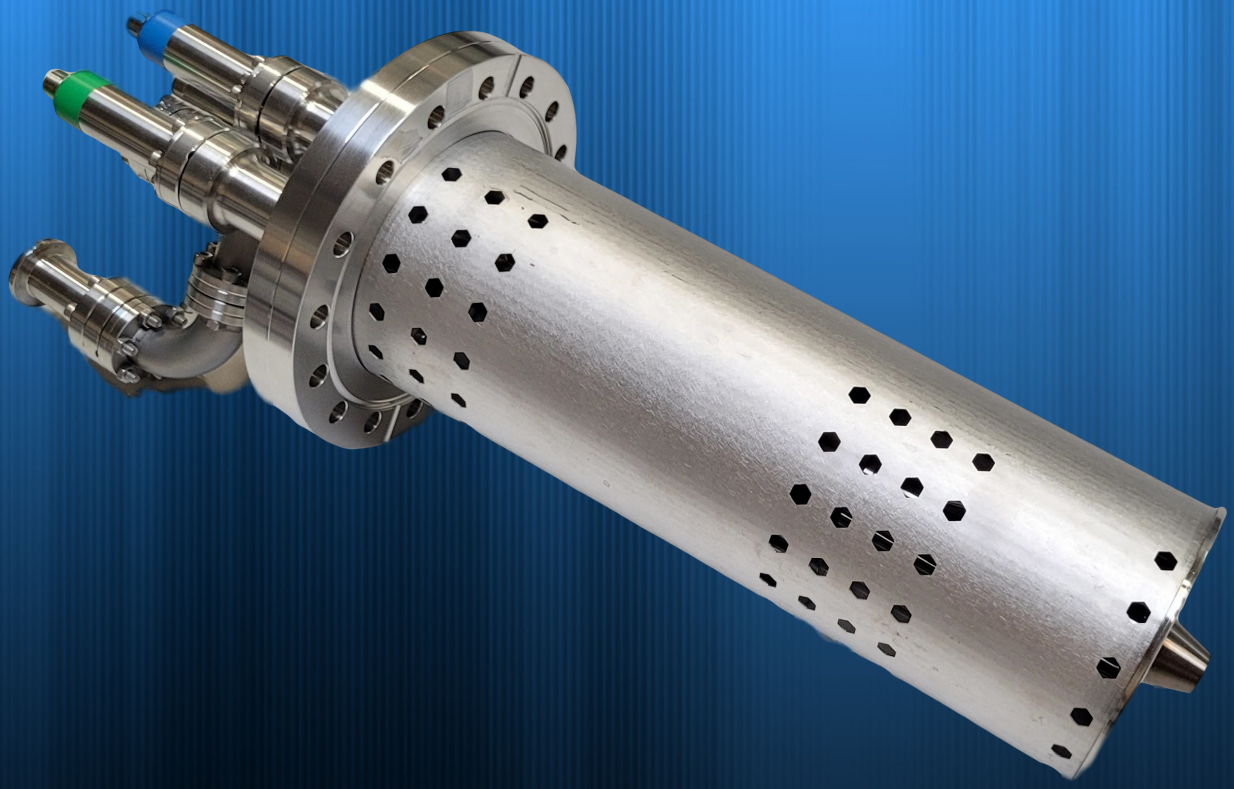
POLYGON PHYSICS

CAMECA
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AMETEK

Our ion & electron sources ready for your needs.



TES-GO

TES-40

TES-63

TES PRODUCT LINE

The smallest microwave plasma sources on the market

TES-100

Compact ECR source on CF100 flange, up to 30kV beam

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TES-100

APPLICATIONS

- Accelerator
- Mass spectroscopy
- Surface modification
- Electron chemistry

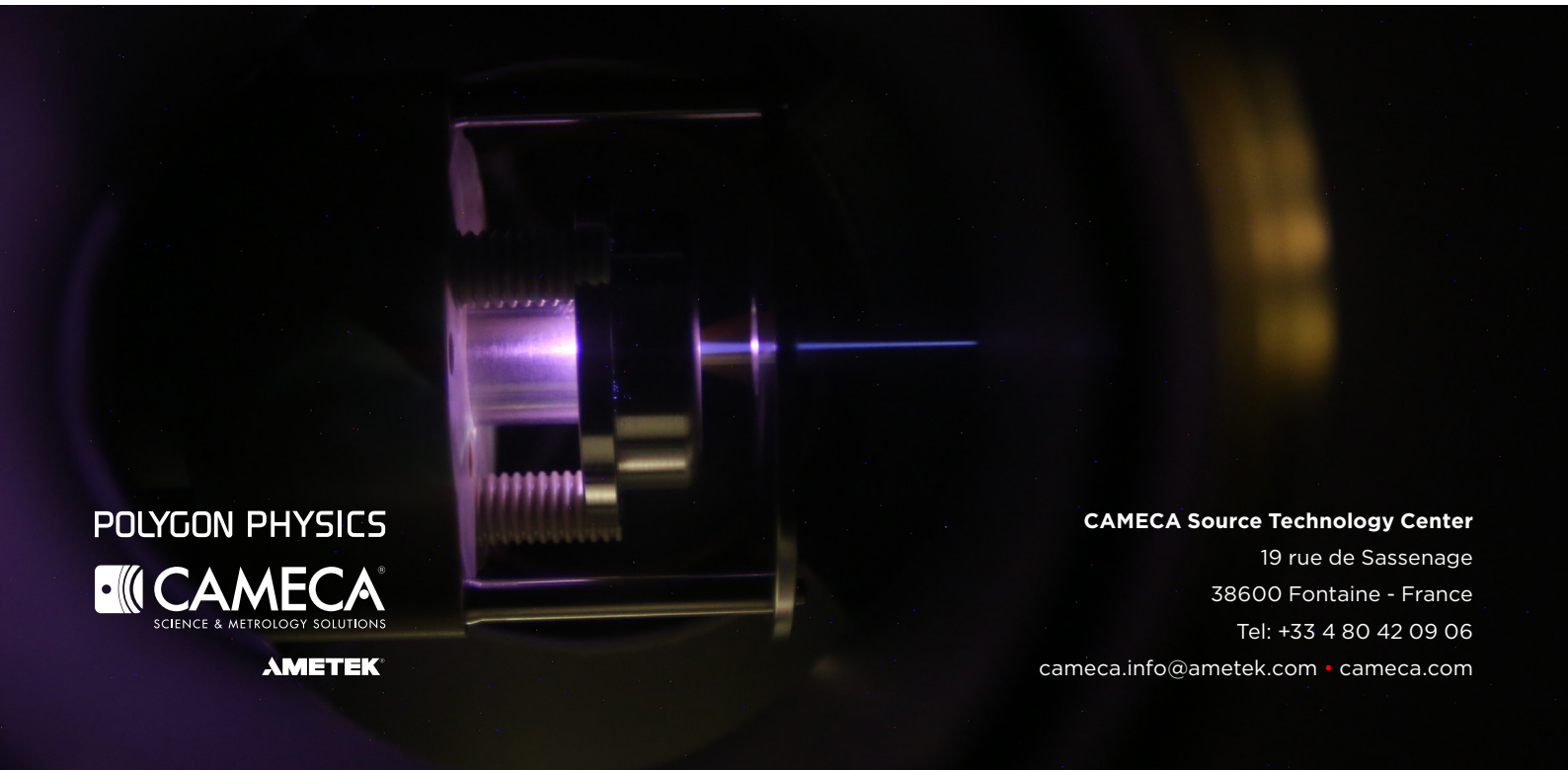
BENEFITS

- High brightness system
- High power e-beam
- Stability over time
- CW or pulsed
- Plug & Play CF100
- Reduced maintenance, filament free, no cooling
- Independent electronics rack
- Compatible with noble and reactive gases

OPTIONS

- Bipolar mode
- Pulsed mode
- Cable length
- Focusing module (Einzel lens)

SPECIFICATIONS	Electrons	Ions
Applications	Electron chemistry (down to 100 V) High power e-beam (up to 1.5 kW)	Accelerator, mass spectroscopy, surface modification
Energy range	100 V – 30 kV	5 – 30 kV
Current	0.1 to 50 mA, aperture dependent	3 to 300 µA
Beam size	Energy and focus dependent	0.5 to 20 mm
Insertion depth	167 mm / 287 mm with Einzel lens	167 mm / 287 mm with Einzel lens



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