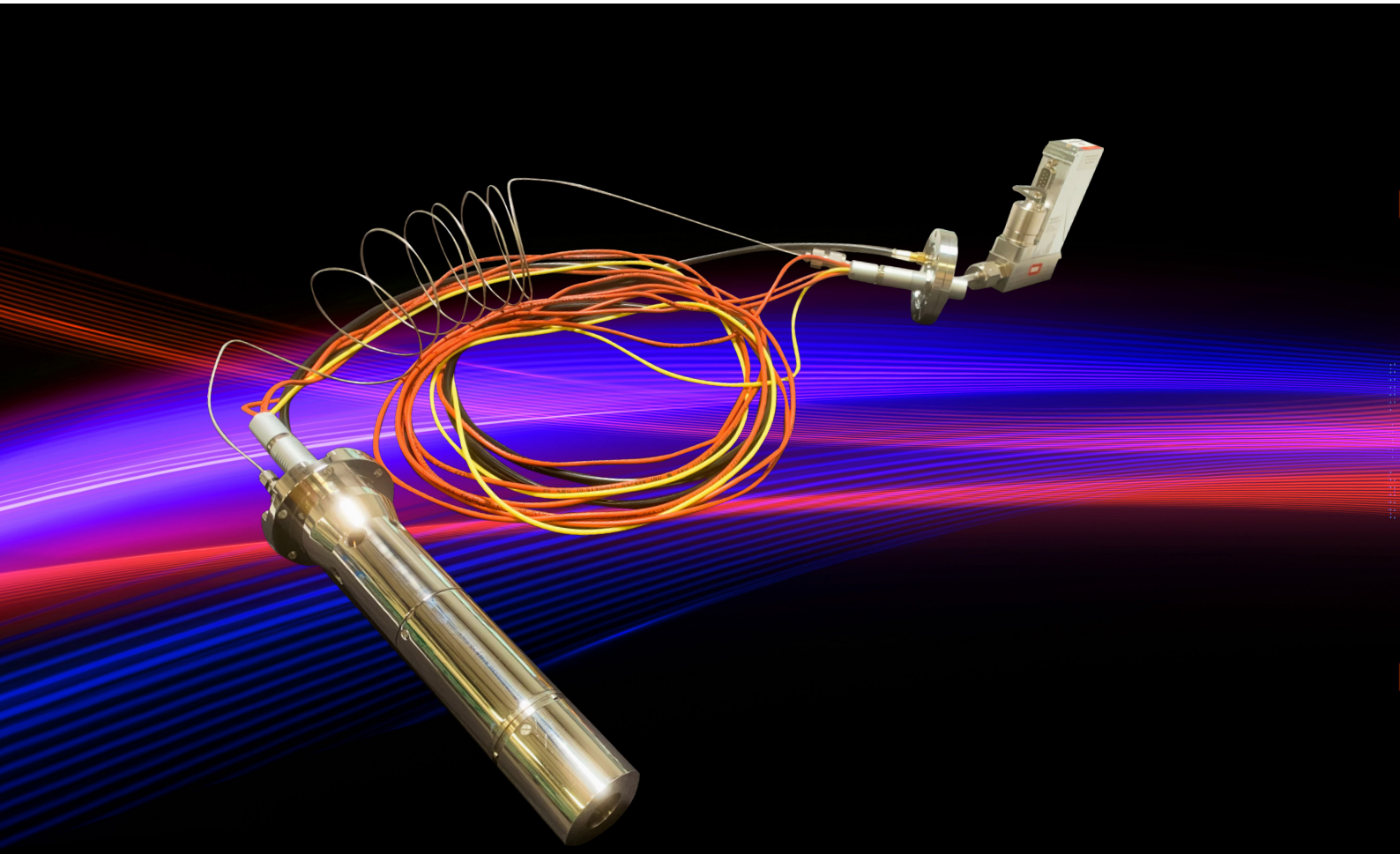
POLYGON PHYSICS

CAMECA
SCIENCE & METROLOGY SOLUTIONS

AMETEK

Our ion & electron sources ready for your needs.



TES PRODUCT LINE

The smallest microwave plasma source on the market

TES-GO

Mobile ECR source, up to 5kV beam

TES-40

TES-63

TES-100

www.cameca.com

TES-GO

APPLICATIONS

- Neutralization
- Sputtering
- Figuring
- Surface modification & activation
- Electron chemistry
- Etching

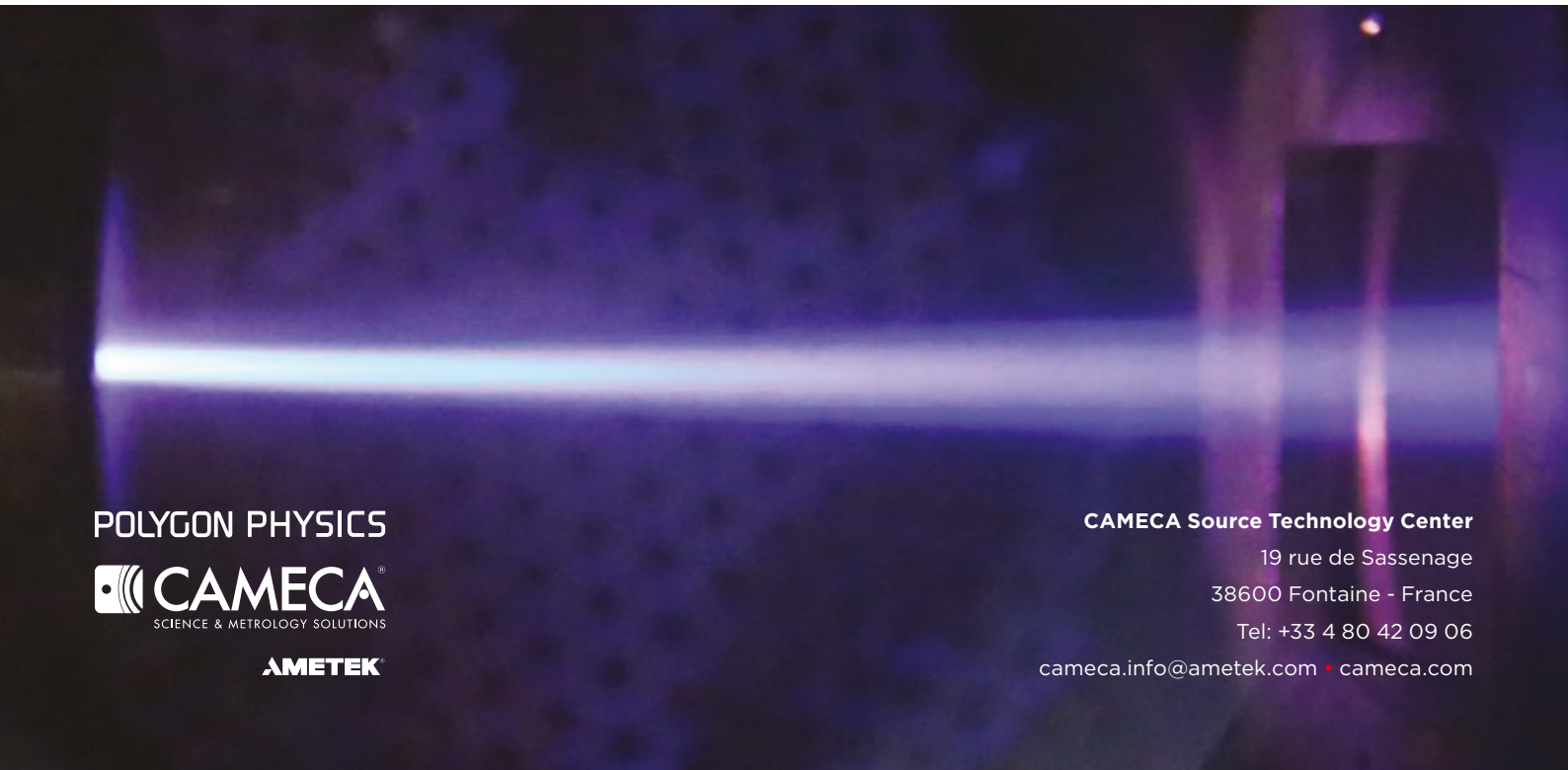
BENEFITS

- Mobile under vacuum
- Stability over time
- Compactness
- Reduced maintenance, filament free, no cooling
- Plug & Play
- Independent electronics rack

OPTIONS

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

SPECIFICATIONS	Electrons	Ions-broad beam	Ions-high brightness
Applications	Electron chemistry, neutralization	Sputtering, surface activation, etching	Figuring, sputtering, surface activation, etching
Energy range	0.1 – 5 kV	0.1 – 5 kV	0.5 – 5 kV
Current	0.1 to 50 mA	0.3 to 3 mA	10 to 500 µA
Beam size (typ. at 4 cm)	3 to 30 mm	Energy dependent	0.3 to 15 mm
Source length exc. connectors	151 mm	151 mm	200 mm with Einzel



POLYGON PHYSICS

CAMECA
SCIENCE & METROLOGY SOLUTIONS

AMETEK

CAMECA Source Technology Center
19 rue de Sassenage
38600 Fontaine - France
Tel: +33 4 80 42 09 06
cameca.info@ametek.com • cameca.com