

## Plasma Surgical | Plasma Jet™

PlasmaJet™ is an innovative device used to coagulate bleeding tissue during surgery. The technology uses a jet of argon plasma to provide fast and precise control of bleeding, leaving a wound sealed. It is used during both conventional and keyhole surgery, greatly reducing the risk and duration of complex procedures and can minimise costs by reducing the patient's stay in hospital.

As PlasmaJet™ moved into production to meet world-wide demand, 4E worked closely with Plasma Surgical offering supported manufacture. The sheer nature of the unit's design is so complex, with so many components that it will continue to need support throughout its life, with upgrade requirements, repairs and design changes to overcome component obsolescence issues.

The result of Plasma Surgical and 4E's collaborative electronics work is a ground-breaking product that is making waves in the medical industry. The PlasmaJet™ was considered one of the most ground-breaking products when it was launched in 2003 in America and 4E are proud to have contributed to its success. 4E continue to nurture the development of this design and ensure an uninterrupted manufacturing supply of this very exciting product.

### Key Services Supplied to this Case Study:

- ✓ Experienced Technical Knowledge and Design Support
- ✓ ISO 13485 Medical Product Manufacturing
- ✓ Life Time Product Management

*"From design conception, through to product end of life management. 4E can help support your product"*

Contact our team today for further information on how we can help you.

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