

Bringing Instruments to Life

OVER 40 YEARS' CO-CREATING
PIONEERING MEDICAL
TECHNOLOGY



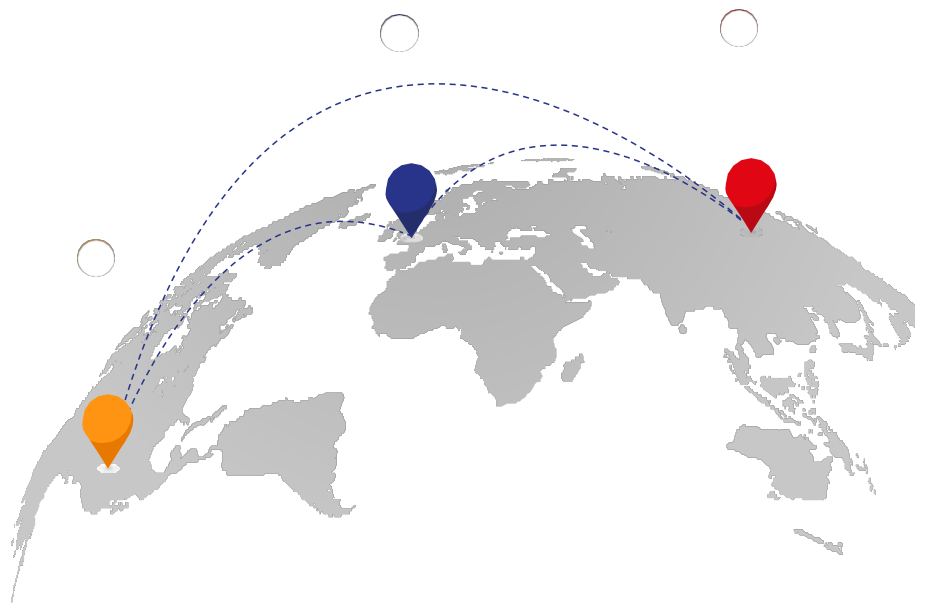
A G&H COMPANY

About us

Established in 1977, ITL Group (a Gooch & Housego Company) is the award-winning contract design, development and manufacturing partner for companies developing a range of products including life-saving medical technology. For more than 40 years ITL has provided innovative and reliable solutions to complex systems engineering and manufacturing challenges.

Based in Ashford, Kent, UK with operations in the US and China, ITL provides a world-wide full product development, design, manufacturing and after-sales service for the commercialisation of medical, diagnostic, analytical and laboratory instruments, including systems.

With customers ranging from start-ups to market-leading organisations, ITL maintains a flexible and collaborative approach to product development and is committed to exceeding customer expectations for quality, delivery and service.



What We Do

Bringing instruments to life

Whether you're looking for a company to develop an idea or concept into a commercially viable product, or you need help progressing one specific stage of your project, ITL can help.

We offer clients a portfolio of services, from R&D and full-scale manufacturing to aftersales servicing and support, all delivered to the highest standards by our experienced team.



OUR SERVICES INCLUDE:

- Product Development
- Product Design
- Manufacturing
- Regulatory and Product Development Consultancy
- Aftersales Servicing and Support

Manufacturing

Providing the tools you need to bring a medical device to life

From component procurement to logistics, our manufacturing service spans the entire supply chain. ITL proudly maintains a highly controlled Quality Management System and is audited and accredited to ISO 9001, ISO 13485 and FDA CFR 21 part 820.

Working with us to manufacture your product means not incurring infrastructure costs and avoiding the risks associated with doing it all in-house, it will also give you access to established global supply chains, manufacturing facilities and new markets.

A combination of automation, skilled manual assembly and testing means that our capabilities extend beyond low volume manufacture, with manufacturing capacity for thousands of units per month.



OUR MANUFACTURING CAPABILITIES INCLUDE:

- Initial Device Master Record Validation (for products not designed by ITL)
- Production Engineering
- Pilot Manufacturing
- Procurement and Supply Chain Management
- PCB, Wiring and Cable Loom Manufacture
- Global Servicing and Support
- Logistics

SMT PCB Manufacturing

Providing the experience you need
for the heart of your device

ITL has 2 surface mount lines for PCB manufacture (one in the UK and one in China), with the UK comprising of the following components:

Speedprint avi210 Screen Printer

The Speedprint avi210 system offers unsurpassed performance in semiautomatic screen printing with an automatic vision alignment system to ensure high reliability. The advanced vision overlay system will inhibit a print cycle until the board is fully aligned. The system has ultra-fine pitch accuracy of +/- 0.3mm.

Europlacer iineo1 and iineo2 SMT Pick and Place

The Europlacer iineo pick & place system uses real "on-the-fly vision" for placement accuracy. It is capable of placing tens of thousands of components per hour. The turret is capable of Micro BGA placement and components down to 01005 packages. The TSM A70 Series reflow ovens- both reflow ovens are fully lead-free compatible.

Takaya APT-1400F Flying Probe Tester

The APT-1400F is a next-generation flying probe test system which has unprecedented performance in terms of test speed, positioning accuracy and test coverage. The APT-1400F is capable of having the probes contact extremely small test pads deployed on the latest SMT boards with a high degree of accuracy to test it in a small amount of time. The APT-1400F has 4-heads & 6-flying probes, a sophisticated measuring system, and a number of innovative test capabilities.

Blundell CMS-400 Wave Solder Machine

Combined with our adjustable solder flow trays, this allows us to accommodate a variety of board sizes and design. Belt speed, pre-heat and solder bath can also be adjusted to accommodate the different layer stacking on the PCBs.

Aleader ALD7720S i3D Inline AOI

The ALD770S i3D inline AOI is a high resolution, high speed, desk-top automated inspection machine.

Quins LC 20

The Quins LC 20 is a CCD line camera comparator with 4800 dpi and an effective 71.6 MP.



OUR CAPABILITIES INCLUDE:

- PCB sizes from 60mm x 60mm up to 1610mm x 460mm
- Up to 30,000 component placements per hour
- SMT and through hole PCBs
- Automated and manual assembly of boards
- PCB, Wiring and Cable Loom Manufacture
- Functional test capability with highly skilled technicians
- Procurement and Supply Chain Management



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EUROPE

Integrated Technologies Limited, Viking House, Ellingham Way, Ashford, Kent, TN23 6NF

Tel: +44 (0)1233 638383

Email: ask@itl.co.uk

USA

ITL (Virginia) Inc, 395 Ashcake Road, Suite L, Ashland, VA 23005, USA **Tel:** +1 804-381-0905

Email: sales@itlva.com

CHINA

Integrated Electronic Systems (Shanghai) Co Ltd, Jinqiao Export Processing Zone, Pudong Shanghai 201201, China

Tel: +86 (21) 58585463

Email: sales@ieschina.com



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www.itlmedical.com