



Calibration and Repair Service

One of the largest third party ISO and NAMAS calibration facilities in the UK



- Full instrument calibration and repair to BS5781, ISO 10012, conditions traceable to National Standards
- NAMAS calibration
- Service over 20,000 different products from over 450 manufacturers
- IFR ATE field service calibration and repair
- Calibration and maintenance agreements
- All repairs carry 90 days warranty with the option to extend
- Full service and spares support for IFR products

The IFR calibration and repair service is one of the largest organizations of its kind in the UK.

We provide a fast, efficient calibration and repair service for over 20,000 different types of equipment from a wide range of manufacturers around the world. These range from older systems to the latest technology, and cover from DC to Microwave.

Our service includes full maintenance and calibration contracts as well as express calibration with a choice of three day turnaround, 24 hour service or 'while you wait' calibration and repair service for IFR products.

To ensure a fast turnaround, we hold over \$1,5 million worth of spares on site, which are also available to customers who

wish to undertake their own repairs. We have also installed an advanced computerized management and progress system to ensure that equipment turnaround is minimized and calibration or repairs are undertaken promptly.

Competitive Maintenance Contracts

IFR is able to provide competitive maintenance agreements that will cover all your equipment calibration and repair needs, whatever the make.

These come in three levels of Maintenance Agreement from calibration only to calibration plus full repair.

The benefits to you are:

- Reduced administration
- Reduced costs
- Inventory management
- Priority service

All calibrations include certification and results. All repairs carry a 90 day warranty.

Normal cover is based on a seven day turnaround door-to-door service. However, a 'while-you-wait' repair facility, together with an express service offering a three day turnaround on IFR products is also available at a small premium. For equipment requiring repair, turnaround is typically 7 to 14 days.

In addition, there is an ad hoc service for companies who do not require a formal maintenance agreement.

Extended Warranties

On IFR equipment we are able to offer warranties that extend the standard cover – up to seven years – with or without calibration. If you want to take advantage of this service, please ask your IFR sales

engineer for a quotation at the time of purchase.

Advanced ATE Service

The IFR ATE Service team is the largest in the UK and provides calibration and repair on IFR ATE systems throughout the world.

A full range of spares is carried for all systems, and upgrades can be undertaken on-site.



There is also a choice of maintenance contracts with guaranteed next day response times covering both hardware and software. An ad hoc customer calibration and repair service is also available.

NAMAS Calibration

Our NAMAS calibration laboratory Lab. 006, located at Stevenage, has now been in operation over 25 years.

It is one of the largest commercial accredited laboratories in the UK and specializes in electrical, electronic, communication and microwave system parameters covering DC to microwave frequencies.

NAMAS EMC Testing

European Community regulations require effective testing for EMC emissions and immunity. IFR is able to provide a full range of tests at our Stevenage site.

The resources available include an outdoor Open Area Test Site (OATS), a GTEM cell for RF susceptibility, and a full range of ESD, transient and burst testing equipment. The depth of tests available run from simple testing through to full reports and consultancy.

Accreditation to National and International Standards

We have BS5750 Part 2 approval which is also equivalent to the International Standard ISO9002 and European Standard EN29002. All calibrations comply with BS5781 conditions.

In addition, our Quality Management has been assessed by the MoD in accordance with BS5750 Part 2, ISO9002 and EN29802 (MOD registration CNAC 13LM01).

Safety testing to meet the requirements of IEC 348, 950 and 1010 can be carried out with full certification including engineers' reports and test results.

In-Depth Service Experience

IFR has many years experience in working with a wide range of organizations from one-man repair shops to multi-national companies.

As a large service organization, our staff offer in-depth experience and specialist knowledge covering a wide range of technology from over 500 manufacturers' products. This ensures that the highest standards are maintained for every product that we receive. We service all types of products and systems covering the total spectrum from DC to optical, analog, digital and microwave technology.

A Complete Door-to-Door Service

Our own fleet of purpose-built vans will collect and deliver all your equipment (UK mainland only). These vans have special racking installed with padding and strapping to eliminate the need for the customer to individually pack any item of equipment.

In the UK (mainland) the IFR Service organization operates from four major locations, namely Luton, Chelmsford, Portsmouth and Dunfermline, Scotland. All UK customers' enquiries should be made to Luton (telephone 01582 33866) or Dunfermline, Scotland, (telephone 01383 824057).

A comprehensive range of measurement parameters are undertaken by the IFR Service Business Unit.

These include:

- DC Voltage, DC Current, DC Ratio
- AC Voltage, AC Current, AC Ratio
- Resistance, Inductance
- Capacitance, Dissipation Factor
- AC Power, Phase Angle, Power Factor
- AC/DC Transfer
- Frequency
- Time Interval
- Radio Frequency Voltage
- RF Admittance, RF Impedance
- Amplitude & Frequency Modulation
- Attenuation Measurement
- Radio Frequency Power
- VSWR, Voltage Reflection Coefficient
- Waveform Analysis

