

GB Inspection was established in 1984, forging a worldwide reputation for manufacturing high quality ultrasonic probes



Applicable

Capacity to produce standard, special and bespoke probes to customer's specification.

All of our probes are compatible with all major brands of ultrasonic instrumentation.

All of our probes are manufactured in accordance to BS EN 12668.

Used and specified by major testing companies and inspection authorities.

Available

85% of our standard range of probes are available for immediate shipment.

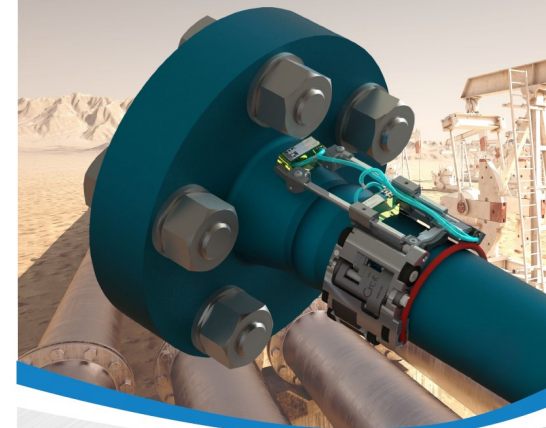
We also supply cables, calibration blocks, instrumentation and offer a comprehensive repair and calibration service.

Affordable

Because our manufacturing focus is on ultrasonic probes, this allows us to develop the expertise to maximise customer satisfaction, manufacturing efficiencies which results in the lowest prices possible.

LIMBOTOFD™

LOW PROFILE INTEGRAL TOFD PROBE



- Low Profile—only 10mm high allowing more access
- Reduces Inspection Cost—no need for alternative NDT methods
- Integral Wedge—negates the need to change wedges
- All scanners and adaptors available upon request





Welcome to
GB Inspection Systems
Ltd

GB Inspection Systems Limited is a leading UK manufacturer and designer of ultrasonic probes and accessories. We supply NDT equipment and consumables and provide a repair and calibration service covering most types of NDT equipment.

Established over 30 years and with a comprehensive worldwide customer base from a wide range of industries which include - Power Generation, Gas, Oil, Nuclear, Inspection, Railway and Aerospace.

GB Inspection Systems Limited was one of the first NDT companies in the UK to successfully achieve registration to BS5750, ISO 9002 and now **ISO 9001:2015** for a quality system underlining our commitment to quality. Also, we are a RISQS verified supplier.



Q05339



GB Inspection Systems Limited has many years' experience in the repair, service and calibration of all makes of Ultrasonic, Eddy Current and Magnetic Particle Inspection equipment.



LIMBOTOFD™

GB Inspection Systems Ltd is proud to announce their latest offering with the development and introduction of the unique **LIMBOTOFD™** ultrasonic transducer, Patent pending GB 1709625.6



Unique Features and Benefits of the LIMBOTOFD™

Low Profile - Only 10mm high allowing easy access to previously inaccessible areas which are currently untestable using conventional TOFD transducers

Reduces inspection cost - No need to implement other possibly disruptive inspection methods such as Radiography

High signal to noise - Single cycle responsiveness using a frequency of 10 or 15 MHz

Integral Wedge - Unique patent pending design providing convenient use without the need to change wedges providing the assurance of the transducer/wedge couplant film.

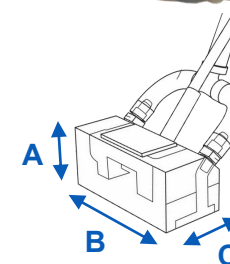
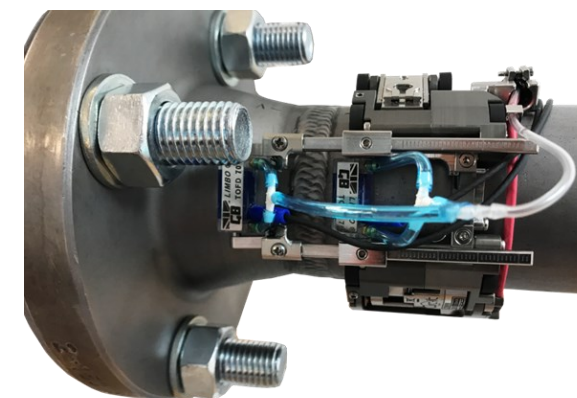
Increases productivity - With conventional TOFD, losing a transducer may result in the loss of the use of its dependent wedges and forcing the inspection to stop, **LIMBOTOFD™** eliminates this risk.



LIMBOTOFD™

Applications for the LIMBOTOFD™

- 100% TOFD Inspection on flanges
- Boiler tube TOFD inspection
- Restricted areas that have clearance issues of 10mm and above
- ALL makes of scanner adaptors available upon request
- Available in LARGER sizes
- Evaluations of weld root erosion and corrosion



A) 10mm high

B) 22mm length

C) 10.5mm width

Currently available are 3mm \varnothing or 6mm \varnothing and a frequency of 10 or 15 MHz Composite crystals. Connector types are: Lemo 00 / Lemo 01 / BNC. Available Part numbers:

LTOFD45-10(C3)	LTOFD60-10(C3)	LTOFD70-10(C3)
LTOFD45-10(C6)	LTOFD60-10(C6)	LTOFD70-10(C6)
LTOFD45-15(C3)	LTOFD60-15(C3)	LTOFD70-15(C3)
LTOFD45-15(C6)	LTOFD60-15(C6)	LTOFD70-15(C6)



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