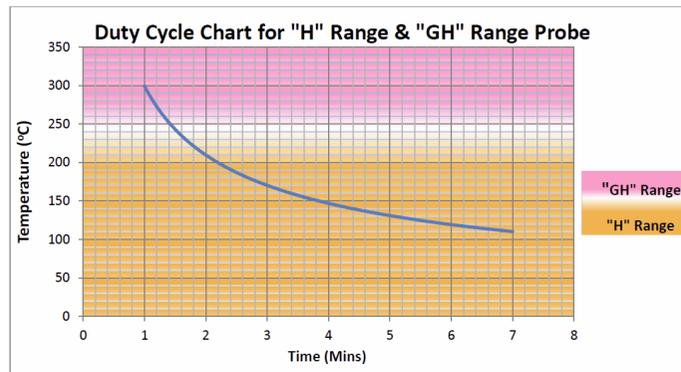


## High Temperature Probes

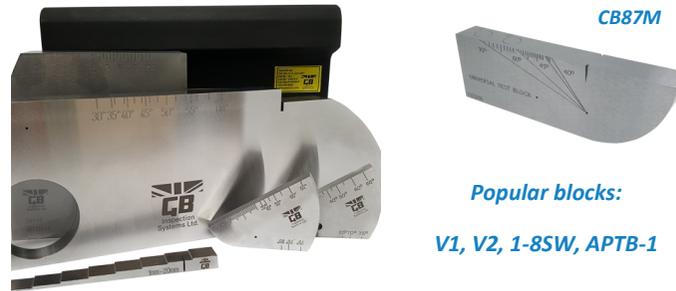
The vast majority of our probes can be manufactured as a high temperature version to suit intermittent testing ranges of either 200°C or 300°C. See Duty Cycle below.

- Provides excellent sensitivity at high temperatures for intermittent use.
- "H" Range capable of intermittent testing up to 200°C.
- "GH" Range capable of intermittent testing up to 300°C.



## Calibration Blocks

- Calibration Blocks can be manufactured out of a material you specify for example; Carbon Steel, Stainless Steel, Aluminium and full traceability is guaranteed.
- Industry standard and special calibration blocks, tube, bar, billet etc. are all available upon request.



## Probe Cables & Accessories

- All Cables are manufactured and tested to the highest standard using high quality component giving you the best performance and reliable long life.
- All standard connectors available: BNC, Lemo 00 Lemo 01, Microdot, Subvis. Other connectors available upon request.
- The standard length of a cable is 2 meters.
- Other Cables are available upon request, including length and material.



Cable Adaptors and Connectors also available eg.

BNC-L, DM, L-MLF, RAML

+44 (0)121 351 5025  
www.gbinspection.com

## Ultrasonic Probes, Accessories & NDT Equipment



- Ultrasonic Probes & Accessories for all applications
- Manufactured & Tested In-House
- Exceeds Latest Industry Standards
- Off-The-Shelf & Custom Solutions
- On-Going R&D Into Latest Techniques & Technologies



Made in Great Britain...  
...sold worldwide

## Shear Wave



### Single Shear Wave

- Angle beam direct contact shear wave probes.
- Available in Sub miniature, Miniature, Large and Extra large versions.
- Excellent sensitivity and exceptional resolution.
- Manufactured with a Stainless Steel / Aluminium metal outer casing.
- High Performance Range also available.



### Twin Shear Wave

- Ideal for near surface detection and thin material.
- A range of connectors are available.
- Thick shoe versions available for extra life long wear.



## Angle Compression

- Specifically designed for Inspection of coarse grain material such as Castings or Austenitic material welds and cladding.
- Gives high signal to noise ratio when standard shear wave probes cannot be used.
- Range available in Single, Twin, Miniature, Large and Extra Large.
- Contoured contact face available to match convex and concaved testing surfaces.



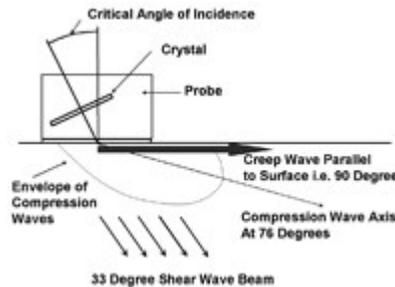
## Creep Wave & Surface Wave

### Creep Wave

- High angle longitudinal waves used for detecting defects that are very close to the component surface.

### Surface Wave

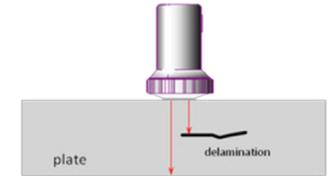
- Detects surface breaking defects in a test piece.
- The wave travels along the surface of a test piece to a depth of one wavelength.



## 0° Compression

### Single 0° Compression

- Single 0° direct contact probe with ceramic, steel or replaceable protective membrane or delay line probe.
- Good sensitivity and resolution power.
- Single Crystal Soft Face Range (SCSF) for use on rough or uneven surfaces.



### Twin 0° Compression

- 0° Twin direct contact probe with Perspex® or replaceable protective membrane.
- Transmit and Receive compression (longitudinal) waves.
- Good sensitivity and resolution.
- Probe shoes can be contoured to suit geometry of test piece and also replaced (re-shoed) when shoe has worn down.

