



Ultrasonic Probes for Track Testing



Manufactured to give improved performance, ALL our Rail Track probes are manufactured to the highest standard and come with a Calibration Certification & Calibration Label as standard. Our Test system records the individual serial number tracking the wear at every calibration interval which typically is 12 months from point of issue, this allows us to better predict a probe replacement date.



SCT Single Crystal Track
Single Crystal 0° Normal Beam
Crystal Size: 15mmø



TCT Twin Crystal Track
Twin Crystal 0° Normal Beam
Crystal Size: 10mmø



LSST standard range consists of -
38°, 40°, 45° and 70°
Single Shear Wave for high angle scan radiused to suit.
Crystal Size: 15mmø

GB Inspection Systems is pleased to announce that we have been awarded Certificate of Acceptance for manufacturing Network Rail Ultrasonic Probes (PA05/06763).



Certificate of Acceptance

PA05/06763



SCNR Single Crystal Track
Network Rail Approved Version
Single Crystal 0° Normal Beam
Crystal Size: 15mmø



TCNR Twin Crystal Track
Network Rail Approved Version
Twin Crystal 0° Normal Beam
Crystal Size: 10mmø



LSSTNR Available angle 45°
Network Rail Approved
Version Single Shear Wave
for high angle scan.
Crystal Size: 15mmø



Manufactured to give improved performance, ALL our Rail Axle probes are manufactured to the highest standard and come with a Calibration Certification & Calibration Label as standard. Our Test system records the individual serial number tracking the wear at every calibration interval which typically is 12 months from point of issue, this allows us to better predict a probe replacement date.

Probe Types Available are: -

Standard Double Crystal Probes.



LTCBR standard range consists of -
0°, 5°, 7.5°, 10°, 12.5°, 15° and 17.5°

Large Twin Crystal Axle Probe for end scan and low angle scan.

Crystal Size: 10 x 20mm (x2)

HE Double Crystal Probes.



TCBR standard range consists of -
0°, 5°, 7.5°, 10°, 12.5°, 15° and 17.5°

Twin Crystal Axle Probe for end scan and low angle scan.

Crystal Size: 10 x 20mm (x2)

High Angle Single Crystal Probes



LSSBR standard range consists of -
37°, 45°, 52°, 60° and 90° (surface wave)

Single Shear Wave for high angle scan radiused to suit.

Crystal Size: 15mm \varnothing

Compression Wave Probes



SCLP Miniature Low Profile with Integral Cable BNC Connector

Single Crystal 10mm \varnothing



SCBR20 Small Type (SP43)

SCBR20 Large Type (SP45)

Single Crystal 20mm \varnothing

WL/WS Delay Wedges to suit

TC10

Twin Crystal 10mm \varnothing

All of the above probes are available in different frequencies, please ask for full specifications.

Also available: Cables, Calibration Blocks & NDT Accessories.