

Linearly Polarised Shear Wave Probe LPS3035



Linearly polarised bulk shear wave probe (LPS3035) for general purpose use, such as with Sonemat's GS2020 EMAT adaptor box system or Sonemat's PR5000 EMAT Pulser-Receiver.

Typical applications for this EMAT include: wall thickness measurements and acoustic birefringence measurement due to stress or texture.

Specifications

- Type: Pulse-echo
- Working Principle: Lorentz (will also use magnetostrictive effect if available).
- Wave Type: Normal incidence, linearly polarised bulk shear wave (Note: polarisation direction is parallel to BNC socket direction as standard).
- Excitation Frequency: Broadband (spike), optimised for peak energy around 5MHz.
- Working Voltage: 400V - 1000V.
- Magnet Type: Single Neodymium Iron Boride (NIB) magnet; working field normal to sample.
- Wear Face: Ceramic or metal - customer specification.
- Connector: BNC Standard 50Ω, or Lemo 00.
- Temperature Range: 0 - 80°C.
- Recommended Driver: Sonemat GS2020 EMAT adaptor box with any modern flaw detector, or Sonemat PR5000 EMAT Pulser-Receiver.
- Options: High temperature and high signal variants are available.
- Price: Please contact us for pricing.



엠케이씨코리아®
M.K.C KOREA

Address: B-910, 70, Dusan-ro, Geumcheon-gu, Seoul, Korea

Tel.: +82-2-804-3600

Fax.: +82-2-893-0498

Web.: www.mkckorea.com

E-mail: ndt@mkckorea.com