

HIGH FREQUENCY ACFM PROBES



Amigo high frequency probe inspecting Duplex weldolet

TSC's portable AMIGO instrument supports the use of 50kHz ACFM probes which provide higher sensitivity than normal 5kHz probes on ferrous and especially on non-ferrous metals.

To take best advantage of the improvement in sensitivity, high frequency probes generally use the smaller non-concentric sensors used in normal 5kHz micro pencil probes.

High frequency probes are available in the following standard forms:

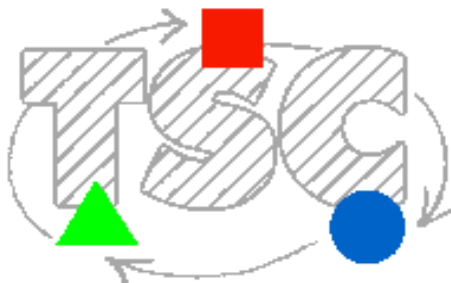
Weld Probe

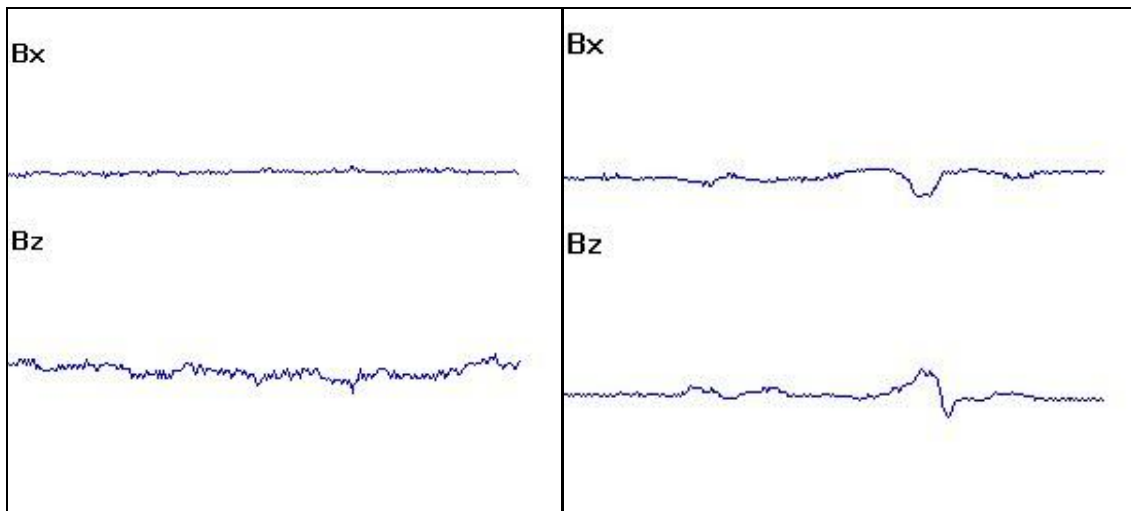
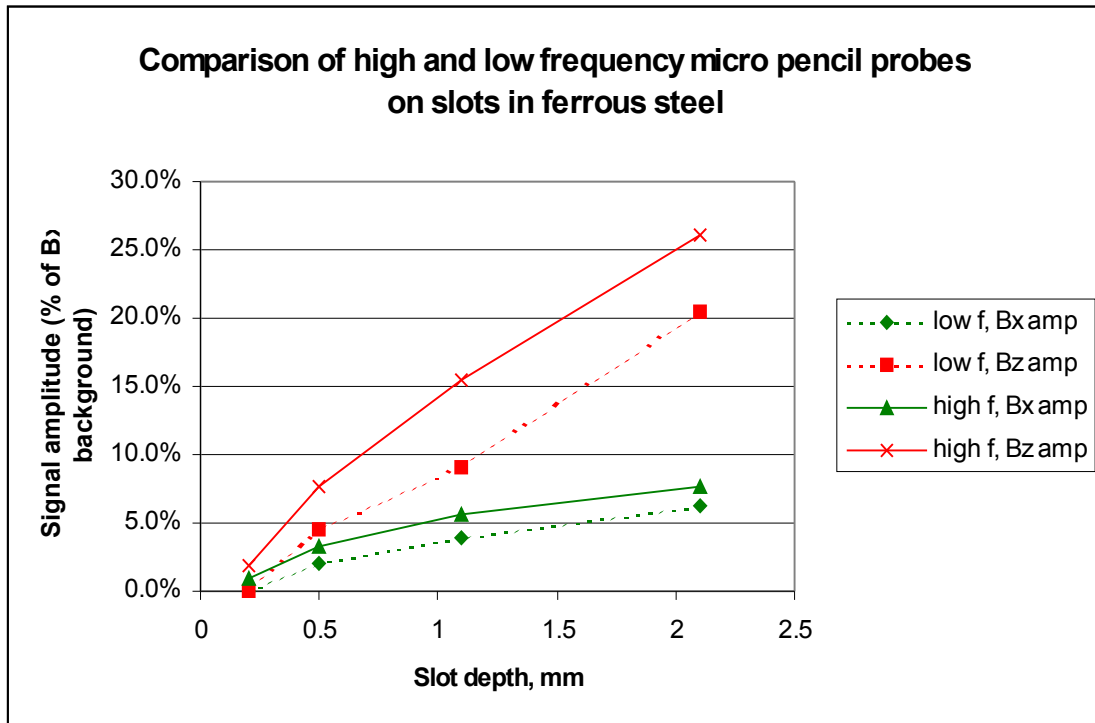
Straight nose micro pencil

Right angle nose (in-line) micro pencil

Right angle nose (transverse) micro pencil

Dimensions of the probes are the same as the 5kHz equivalents. See separate data sheets for more information.





ACFM time-base plots from 5mm long x 0.2mm deep slot using straight micro pencil probes. Low frequency version (left) and high frequency version (right)

Due to our policy of continual improvement, specifications are subject to change without prior notification. For critical applications, please contact TSC before ordering.

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Contact:

**TSC Inspection Systems, 6 Mill Square, Featherstone Road,
Wolverton Mill, Milton Keynes, MK12 5RB, U.K.**

Tel: +44 (0)1908 317444, Fax: +44 (0)1908 220959

Email: sales@tscinspectionsystems.com,

www.tscinspectionsystems.com