

ENC-M1 Encoder

one axis encoder



The ENC-M1 Probe Scanner is a small handheld scanner with a built-in encoder and utilizing magnetic wheels. It is designed to translate a single phased array probe around ferrous piping and vessels. Its small and ergonomic design makes it the perfect tool for encoding probe positions.

Features:

- Using standard components, The ENC-M1 can be quickly adapted to many different configuration needs.
- Waterproof
- Encoder resolution: up to 128 step/mm
- The magnetic wheels maintain scanner contact with the inspection surface. Add additional magnetic wheels to double the magnetic attraction.
- Removable Handle
- Configurable data transmission rate
- Various lengths of frame bar are available for a multitude of applications.

Applications:

- This encoder is ideal for single-axis UT and phased array inspections including:
 - Pipe and vessel welds
 - Bolt hole crack detection
 - Linear array corrosion mapping
 - B and D scan

Benefits:

- Simple: Economical solution that requires no tools to set up
- Precise: High resolution encoded scans for single axis
- Versatile
- Encoder is offset from the inspection area to reduce the risk of the wheel skidding on couplant
- Waterproof
- Adjustable spring loading guarantees encoder always stays in contact with inspection surface

Dimensions:

Values are in mm.

