The MWS-5 is a manually operated scanner designed for line scanning, primarily in relation to A-scan recording, TOFD and corrosion mapping.

**Scanner features**
The manual scanner is based on a general purpose scanner body with two input axes with integrated encoders. Depending on the accessories the scanner can be configured as a line scanner with magnetic wheels, e.g. for TOFD inspection.

Furthermore, the scanner has integrated keyboard and status LED’s.

**Applications**
The features and the flexibility of the scanner makes it ideal for:
- small area corrosion mapping
- weld inspection on offshore and petrochemical installations
- inspection and defect evaluation with TOFD line scan
- general inspection in all areas where a robust, handy and easy operational scanner is required.
Mechanical design
The MWS-5 consists of a general purpose body that can be used for different types of manual scanners. In the line scan configuration the body is equipped with magnetic wheels and a probe holder system.

The exploded view of the MWS-5 shows the main components of the scanner.
1. MWS-5 body
2. Right and left-hand magnetic wheel set
3. Probe holder fixture including tilt adaptor
4. Track guide
5. Probe rail.

Technical specifications (line scan version)
Object dimensions
Min. OD (Circumferential drive) 75 mm
Min. OD (longitudinal drive) 60 mm
Maximum dimensions Plane surface

Physical Specifications
Width x length x height 65 x 138 x 75 mm
Weight (Body) 0.9 kg

Options
Probe holders for all types of NDE probes
Rubber wheels.

Further information
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