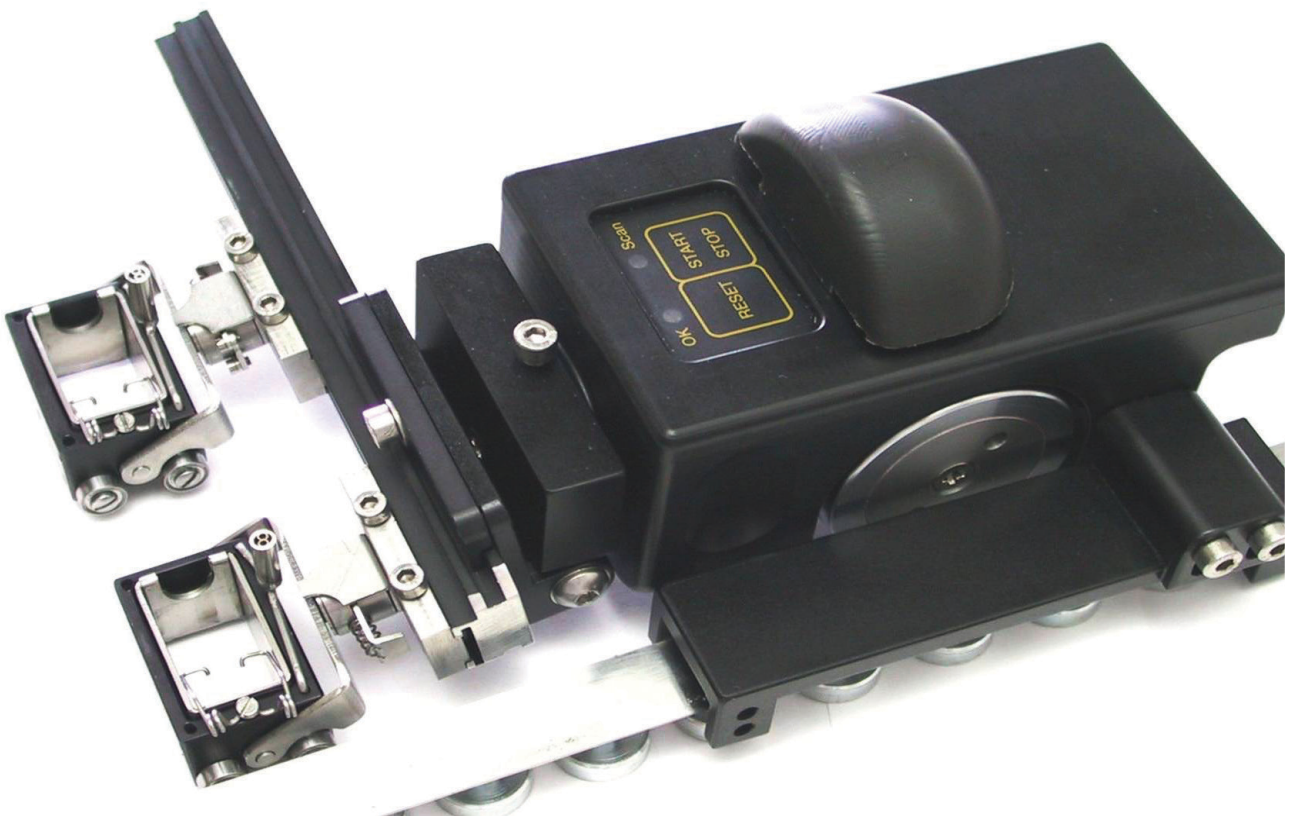


# MWS-5 - Manual Weld Scanner

– Easy, handy and robust line scanning



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.

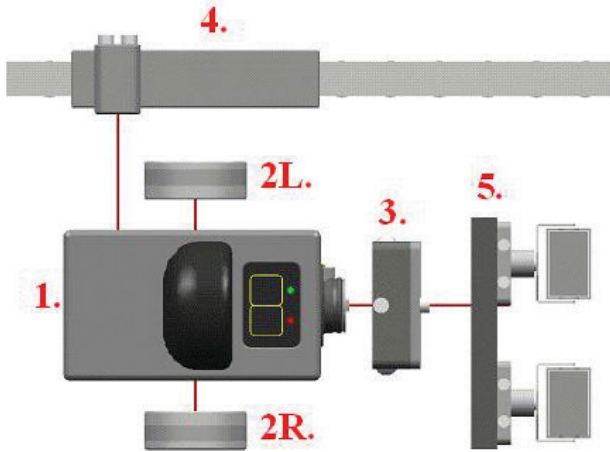
## Applications

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.



Exploded view of the MWS-5.

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.



Hand support with integrated cable holder.

## 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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