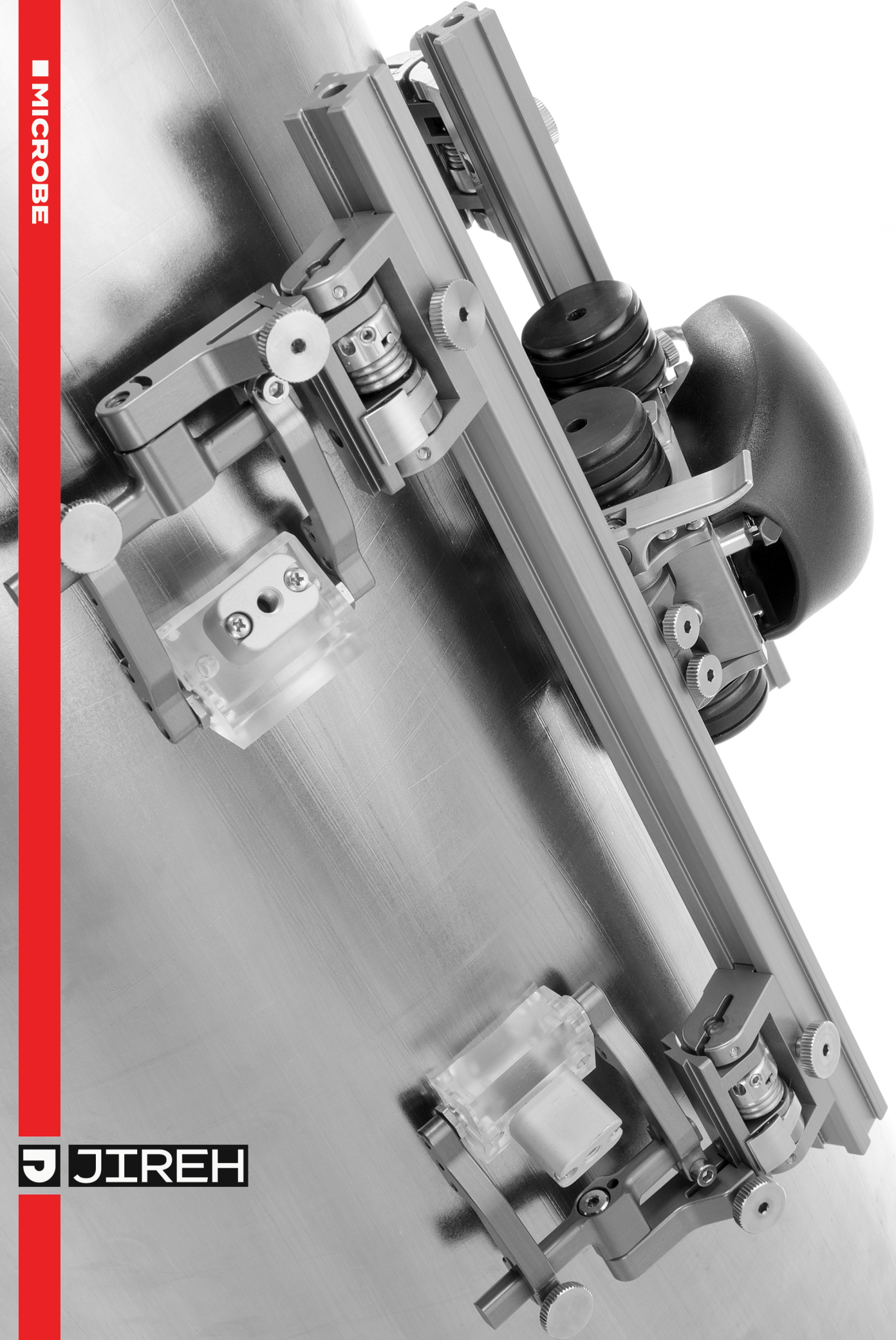


■ MICROBE



J JIREH

Features

Modular Design

- Quickly adaptable to various configurations.

Two Axis scanning

- X-axis encoder measurement as well as Y-axis using optional accessories.

Built-in-encoder

- The scanner body includes an integrated encoder which is fully compatible with all standard instruments.

Wheels

- Magnetic wheels adhere the scanner to ferrous surfaces. Add additional wheels to further increase the Microbe's magnetic attraction.

Brake System

- Position the scanner where required.

Removable Handle

- Offers cable management and protection of encoder connectors.

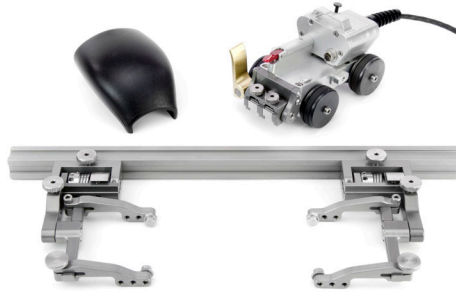
Weight and Dimensions

Cart Weight

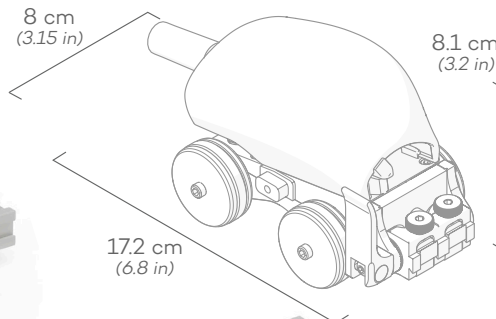
- 0.77 kg (1.7 lb)⁴

Cart Dimensions

- Height 8.1 cm (3.2 in)
- Width 8 cm (3.15 in)
- Length 17.2 cm (6.8 in)⁵



Two probe phased array configuration with a 35 cm (13.8 in) frame bar. Microbe cart with handle removed



Two probe phased array Microbe includes 2 additional magnetic wheels

Accessories

Battery Powered Laser

- Employ this visual cue to follow welds with ease.

Manual Couplant Pump

- 7.6 litre (2 U.S. gal) couplant pump.
- 11.4 litre (3 U.S. gal) couplant pump.

Magnetic Wheel Kit

- Increase the scanner's magnetic attraction with additional wheels.

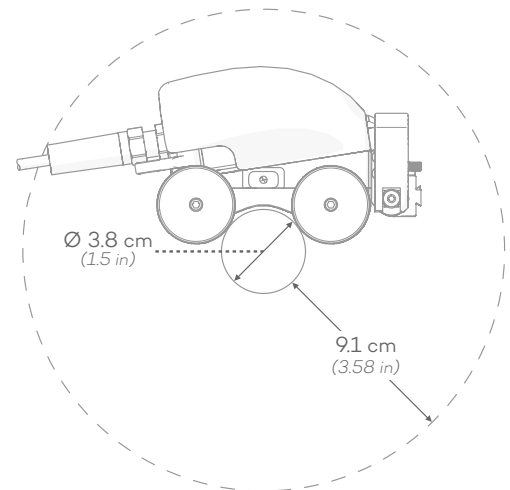
Microbe to Rotix Conversion Kit

- Add non-ferrous inspections surfaces to the capabilities of the Microbe with a conversion kit.

Pre-Amp Bracket

- Mount peripherals to the scanner.

Additional magnetic wheels for increased magnetic attraction



Environmental Specifications

Operating Environment

- -20°C (-4°F) to 50°C (122°F)

Environmental Sealing

- Dust tight, water tight⁵

Specifications

Pipe Diameter Range, Circumferential

- 3.8 cm (1.5 in) to flat¹
- 8.8 cm (3.5 in) to flat²

Pipe Diameter Range, Longitudinal

- 7.6 cm (3 in) to flat

Pipe Diameter Range, Internal OD

- 152.4 cm (60 in) to flat

Encoder Resolution

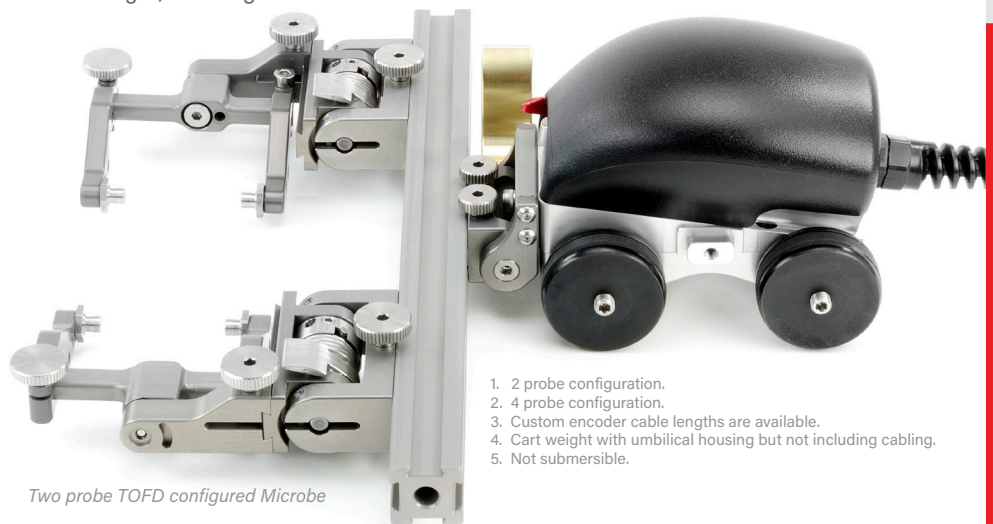
- 19.2 counts/mm (487.7 counts/inch)

Encoder Cable Length

- 5 m (16.4 ft)³

Inspection Surface

- Ferrous



Two probe TOFD configured Microbe

1. 2 probe configuration.
2. 4 probe configuration.
3. Custom encoder cable lengths are available.
4. Cart weight with umbilical housing but not including cabling.
5. Not submersible.