

■ ROTIX
Nozzle



J JIREH

Features

Adjustable Chain

- Quick release chain links allow simple and efficient scanner setup on various nozzle sizes.

Slider Probe Positioning System

- The Slider Probe Positioning System (Slider PPS) provides quick adjustment of probe distance to the weld without requiring scanner removal. Connect an encoder to the Slider PPS for y-axis tracking.

Long Stroke Vertical Probe Holder

- An inventive probe holder offering 22.8 cm (9 in) of vertical travel over undulating surfaces.

Built-in Encoder

- Fully compatible with all standard instruments, this precision encoder is integrated into the scanner body.

Magnetic Conversion

- Magnetic wheel conversion allows inspection on ferrous surfaces.

Rotix nozzle scanner prepared with a 35 cm (13.8 in) frame bar, slider probe positioning system and a Rotix cart

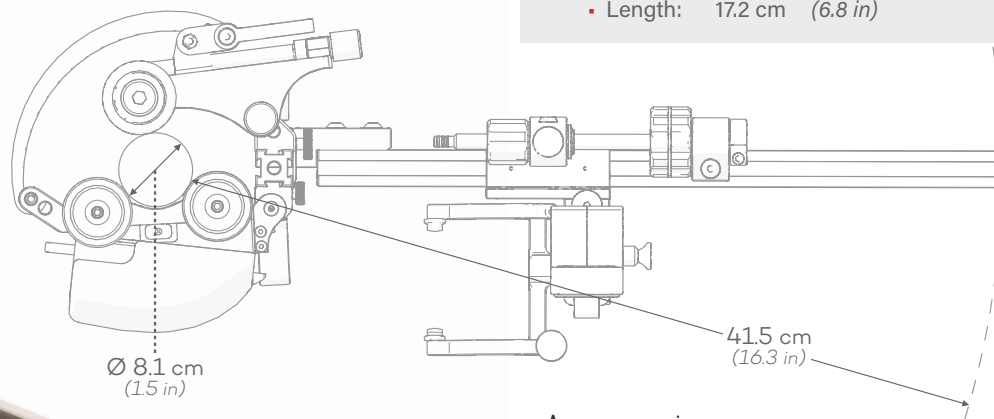
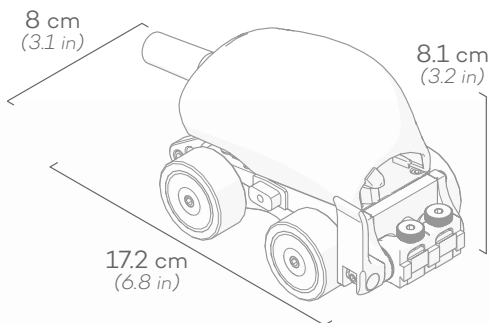
Environmental Specifications

Operating Environment

- 20°C (-4°F) to 50°C (122°F)

Environmental Sealing

- Dust tight, water tight²



Rotix nozzle scanner with urethane wheels replaced with magnetic wheels

Weight and Dimensions

Cart Weight

- 0.77 kg (1.7 lb)³

Cart Dimensions

- Height: 8.1 cm (3.2 in)
- Width: 8 cm (3.1 in)
- Length: 17.2 cm (6.8 in)

Accessories

Slider PPS Encoder

- Measure Y-axis probe positioning

Magnetic Wheel Kit

- Enable magnetic scanning

Manual Couplant Pump

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

Pre-Amp Bracket

- Mount additional hardware to scanner

Cable Management

- Protect cables and hoses

Specifications

Circumferential Pipe Range

- 3.8 - 60 cm (1.5 - 24 in)

Encoder Resolution

- 19.2 counts/mm (487.7 counts/inch)

Optional Y-Axis Encoder Resolution

- 161.26 counts/mm (4096.0 counts/inch)

Probe Holding Capacity

- One wedge

Umbilical length

- 5 m (16.4 ft)¹

Inspection Surface

- Ferrous or non-ferrous materials

A Rotix nozzle scanner mounted to a 16.5 cm (6.5 in) nozzle.

- Custom cable lengths are available.
- Not submersible.
- Cart weight only.