

■ ROTIX

3-Axis Nozzle

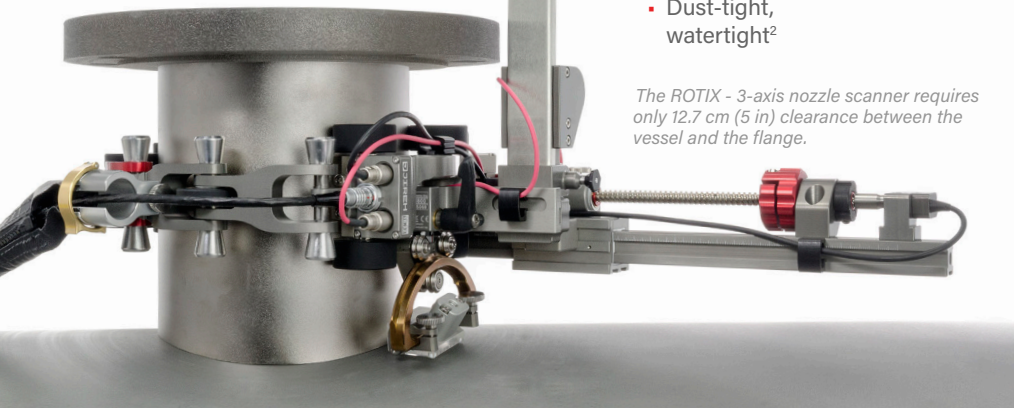


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## Features

### Encoded Skew Vertical Probe Holder

- An inventive probe holder offering 12.2 cm (4.8 in) of vertical travel as well as encoded skew measurement.



### Adjustable Chain

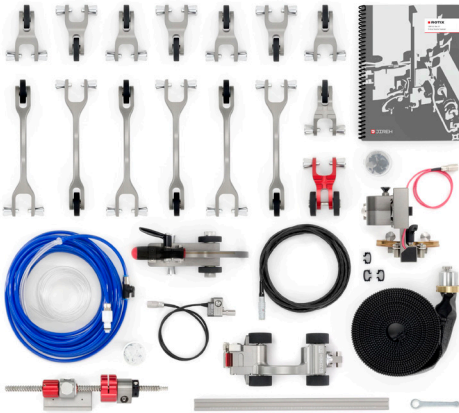
- Quick release chain links allow simple and efficient scanner setup on various nozzle sizes.

### Slider Probe Positioning System

- The Slider PPS provides encoded adjustment of the probe distance from the weld without requiring scanner removal.

### Built-in Encoder

- Fully compatible with all standard instruments, the precision positional encoder is integrated into the low profile link.



## Environmental Specifications

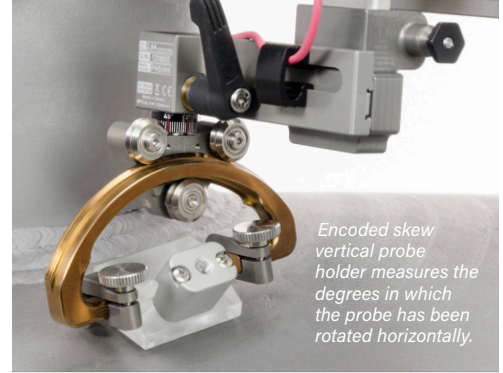
### Operating Environment

- 20°C (-4°F) to 50°C (122°F)

### Environmental Sealing

- Dust-tight, watertight<sup>2</sup>

The ROTIX - 3-axis nozzle scanner requires only 12.7 cm (5 in) clearance between the vessel and the flange.



Encoded skew vertical probe holder measures the degrees in which the probe has been rotated horizontally.

## Weight and Dimensions

### Low Profile Link Weight

- 0.53 kg (1.2 lb)

### Encoded Skew V.P.H. Weight

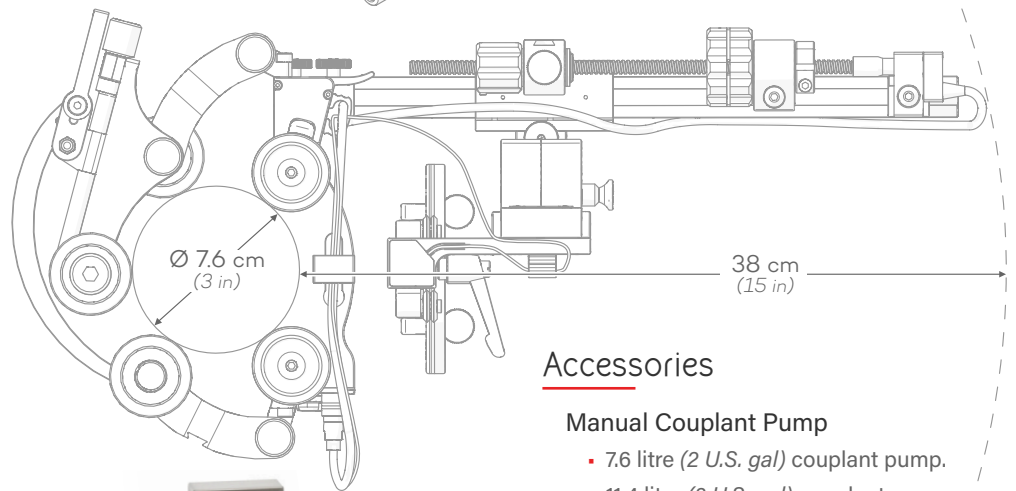
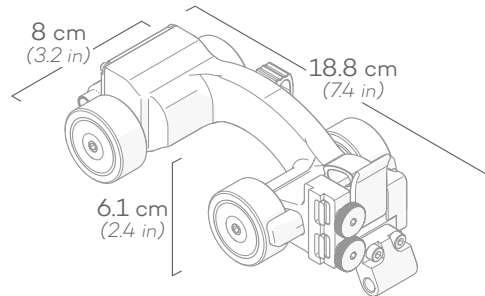
- 0.75 kg (1.7 lb)

### Low Profile Link Dimensions

- Height: 6.1 cm (2.4 in)
- Width: 8 cm (3.2 in)
- Length: 18.8 cm (7.4 in)

### Encoded Skew V.P.H. Dimensions

- Height 32.2 cm (12.7 in)
- Width 11.6 cm (4.6 in)
- Length 10.4 cm (4.1 in)



## Accessories

### Manual Couplant Pump

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

## Specifications

### Circumferential Pipe Range

- 7.6 - 60 cm (3 - 24 in)

### Encoder Resolution

- 16.3 counts/mm (414.5 counts/inch)

### Y-Axis Encoder Resolution

- 161.26 counts/mm (4096.0 counts/inch)

### Skew Axis Encoder Resolution

- 2.84 counts/deg.

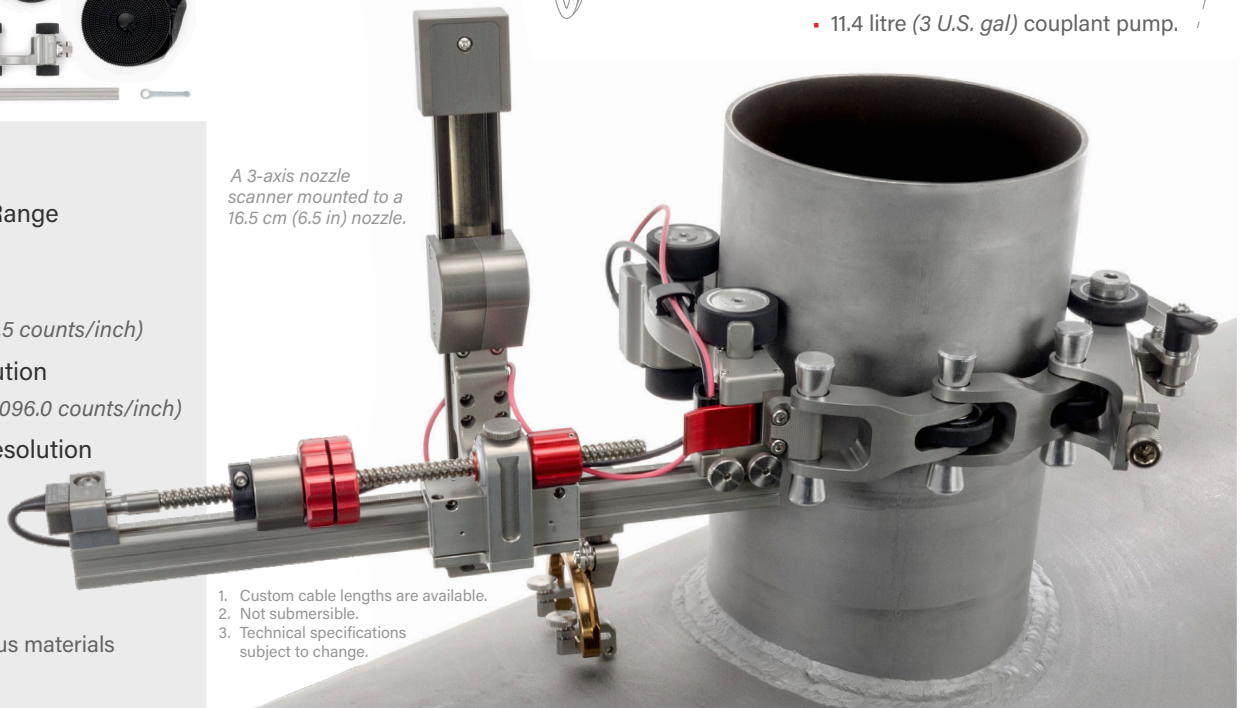
### Umbilical length

- 5 m (16.4 ft)<sup>1</sup>

### Inspection Surface

- Ferrous or non-ferrous materials

A 3-axis nozzle scanner mounted to a 16.5 cm (6.5 in) nozzle.



1. Custom cable lengths are available.
2. Not submersible.
3. Technical specifications subject to change.