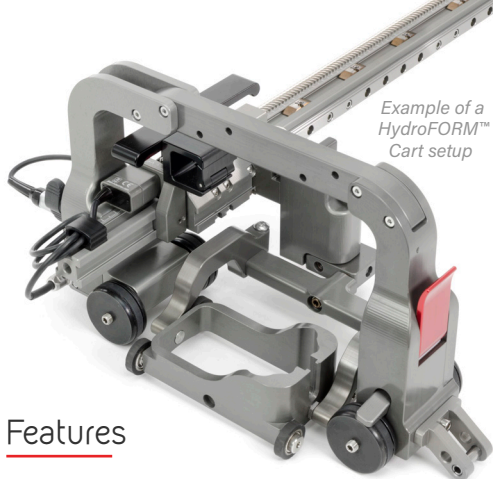




■ **STIX** Corrosion

**J** **JIREH**



Example of a HydroFORM™ Cart setup

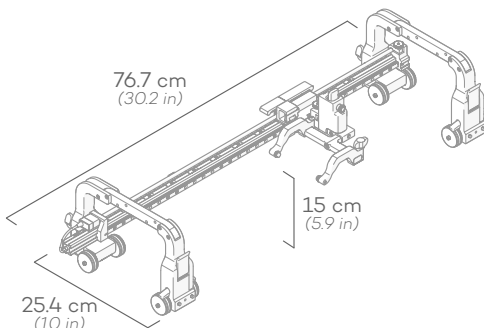
## Weight and Dimensions

### Frame Weight

- 3.9 kg (8.6 lb)

### Frame Dimensions

- Height: 15 cm (5.9 in)
- Width: 25.4 cm (10 in)
- Length: 76.7 cm (30.2 in)



## Features

### Corrosion Scanning

- Perform precision corrosion scanning on ferrous surfaces.

### Scan Control

- Slide the probe holder along the frame bar to various index positions.

### Index Encoder

- Track scans along the y-axis at the preset positions of the frame bar<sup>1</sup>.

### Integrated Encoder

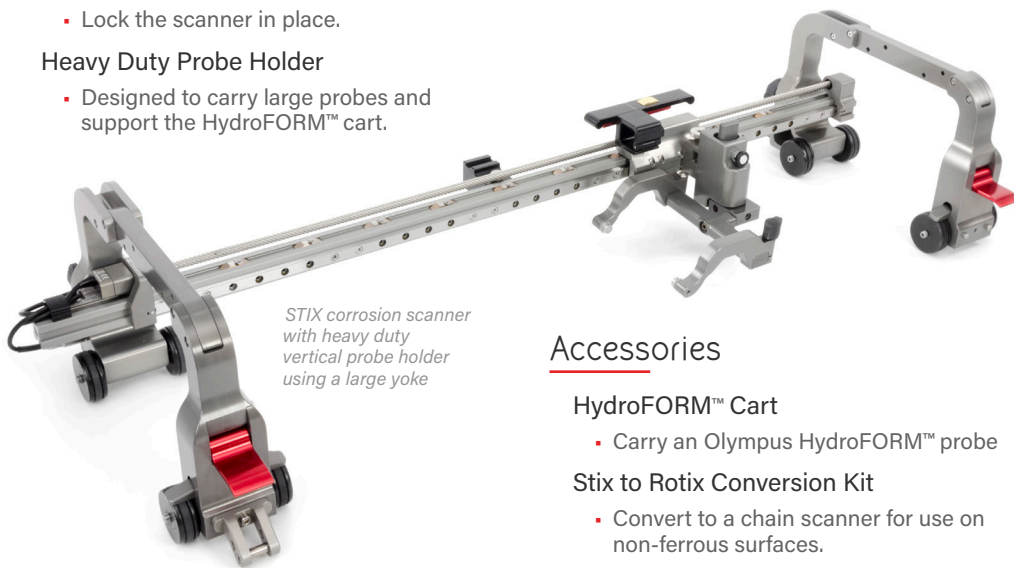
- The built-in encoder for x-axis measurement is compatible with all standard instruments.

### Brakes

- Lock the scanner in place.

### Heavy Duty Probe Holder

- Designed to carry large probes and support the HydroFORM™ cart.



STIX corrosion scanner with heavy duty vertical probe holder using a large yoke

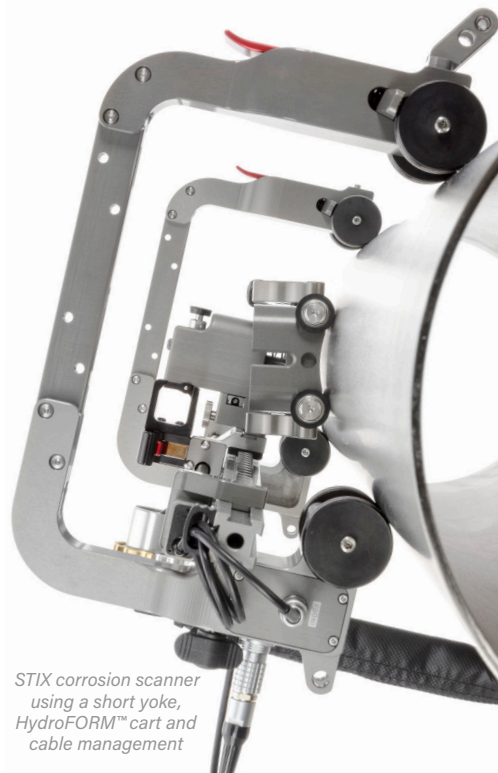
## Environmental Specifications

### Operating Environment

- -20° C (-4° F) to 50° C (122° F)

### Environmental Sealing

- Dust tight, waterproof<sup>4</sup>



STIX corrosion scanner using a short yoke, HydroFORM™ cart and cable management

## Kit Contents

### Stix Frame

- 75 cm (29.5 in) frame bar.

### Heavy Duty Vertical Probe Holder

- Includes short and long yokes.

### Cables and Cable Management

- Index and Encoder cables.
- Zipper tubing for cable management.

### Irrigation Kit

- 4 mm ID (7/16 in quick connect).

### Tools

- All tools required for scanner adjustment and manipulation.
- Spare parks kit.
- User manual.

### Rugged Carrying Case

## Specifications

### Pipe Range

- 10.2 cm (4 in)<sup>2</sup> to flat

### Encoder Resolution

- 16.32 counts/mm (414.5 counts/in)

### Index Resolution

- 40.31 counts/mm (1023.9 counts/in)

### Encoder Cable Length

- 5 m (16.4 ft)<sup>3</sup>

### Probe Holding Capacity

- One heavy duty vertical probe holder

### Inspection Surface

- Ferrous materials

## Accessories

### HydroFORM™ Cart

- Carry an Olympus HydroFORM™ probe

### Stix to Rotix Conversion Kit

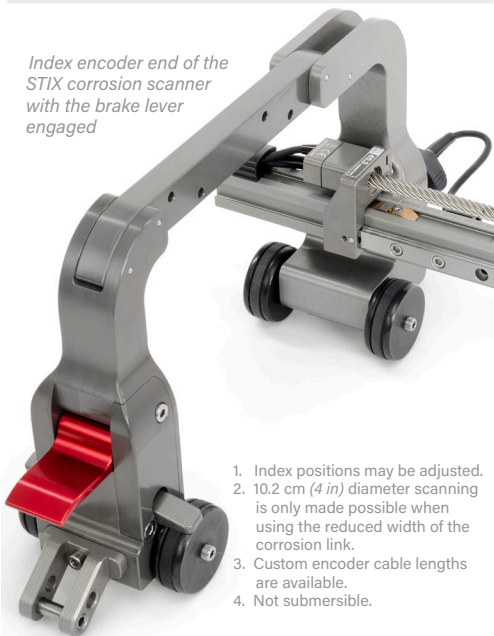
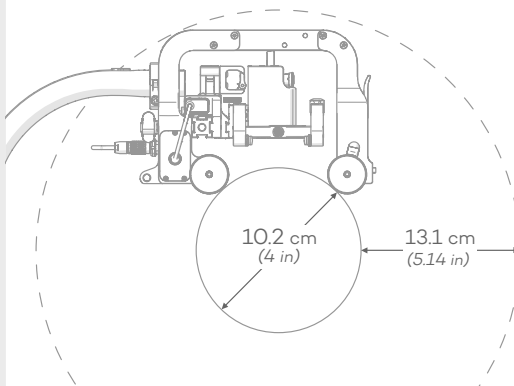
- Convert to a chain scanner for use on non-ferrous surfaces.

### Manual Couplant Pumps

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

### Pre-amp Bracket

- Mount peripherals to the scanner.



Index encoder end of the STIX corrosion scanner with the brake lever engaged

1. Index positions may be adjusted.
2. 10.2 cm (4 in) diameter scanning is only made possible when using the reduced width of the corrosion link.
3. Custom encoder cable lengths are available.
4. Not submersible.