

■ ROTIX

High Temperature

J JIREH



Features

High Temperature Scanning

- Scan in-service pipes and tubes with surface temperatures up to 350°C (662°F).

Adjustable Chain

- Quick-release chain links allow simple and efficient scanner setup on various pipe diameters.

High Temperature Encoder

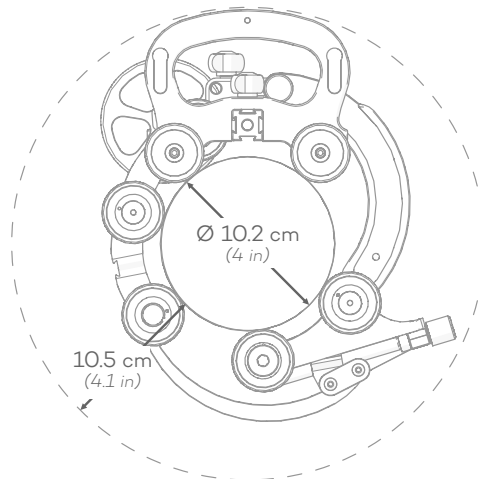
- Fully compatible with all standard instruments, this precision positional encoder is designed to dissipate heat.

Double Wheel Chain Links

- Various chain links are designed to minimize heat transfer from the scan surface and form an incredibly stable scanner platform.

Modular Design

- Convert to a magnetic STIX scanner and add additional capabilities.¹



Environmental Specifications

Operating Environment

- -20°C (-4°F) to 50°C (122°F)

Maximum Surface Temperature

- 350°C (662°F)

Environmental Sealing

- Dust-tight, watertight³



Specifications

Circumferential Pipe Range

- 10.2 - 96.5 cm (4 - 38 in)

Encoder Resolution

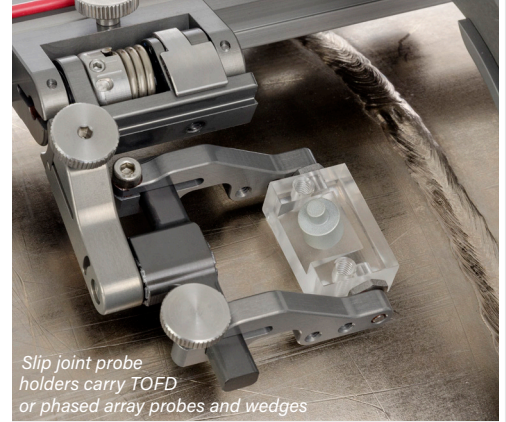
- 4.28 counts/mm (108.7 counts/inch)

Encoder Cable length

- 5 m (16.4 ft)²

Inspection Surface

- Ferrous or non-ferrous materials



Slip joint probe holders carry TOFD or phased array probes and wedges

Weight and Dimensions

Frame Weight

- 1.4 kg (3.1 lb)

Frame Dimensions

- Height: 10.5 cm (4.1 in)
- Width: 43.5 cm (17.1 in)
- Length: 12.5 cm (4.9 in)

Additional Features

Radial Clearance

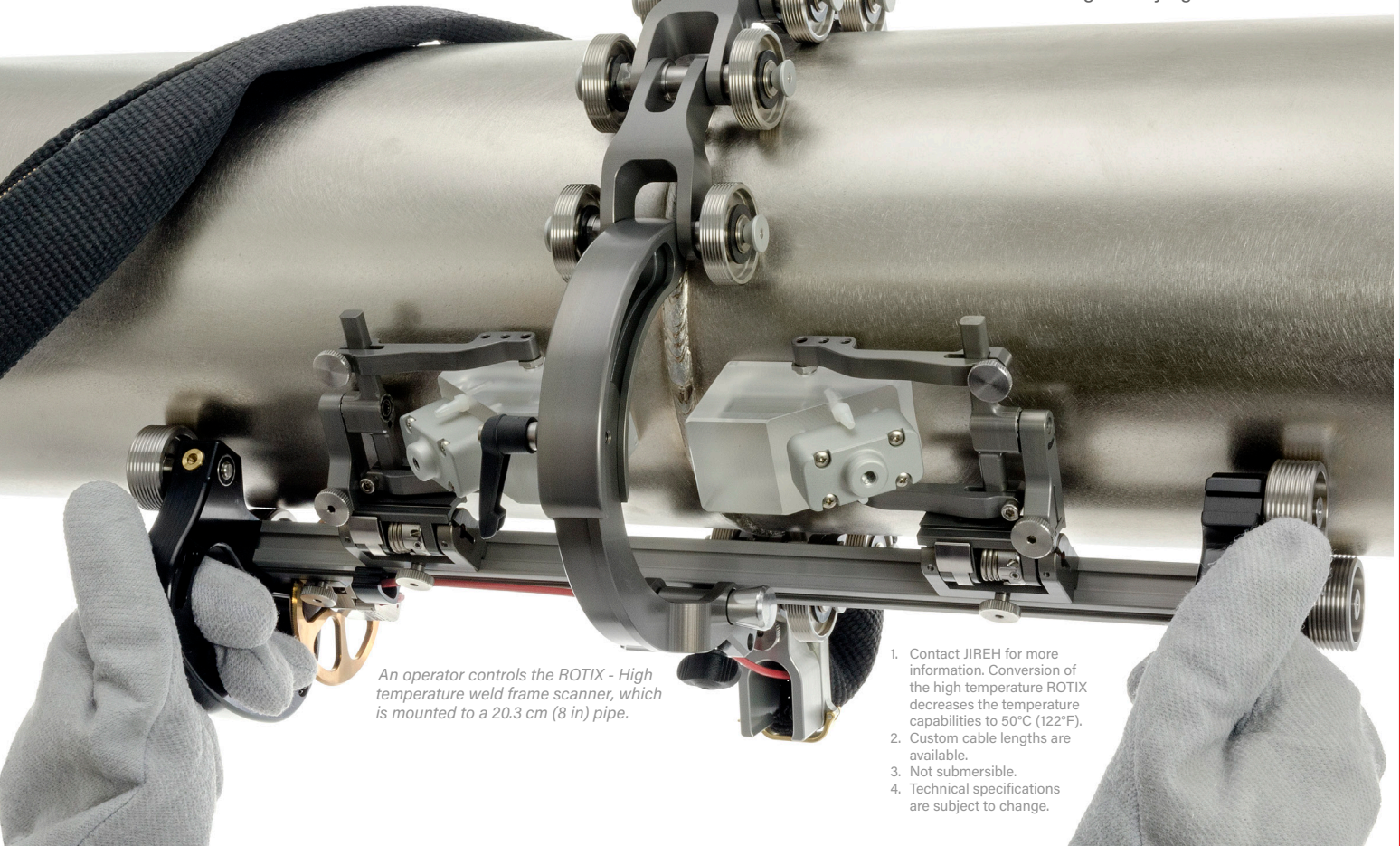
- 10.5 cm (4.1 in)

Warranty

- A 3-year warranty backs all JIREH products.

Kit Contents

- Tools required for scanner adjustment and manipulation are included.
- Foam cutouts protect system components inside the rugged and watertight carrying case.



An operator controls the ROTIX - High temperature weld frame scanner, which is mounted to a 20.3 cm (8 in) pipe.

1. Contact JIREH for more information. Conversion of the high temperature ROTIX decreases the temperature capabilities to 50°C (122°F).
2. Custom cable lengths are available.
3. Not submersible.
4. Technical specifications are subject to change.