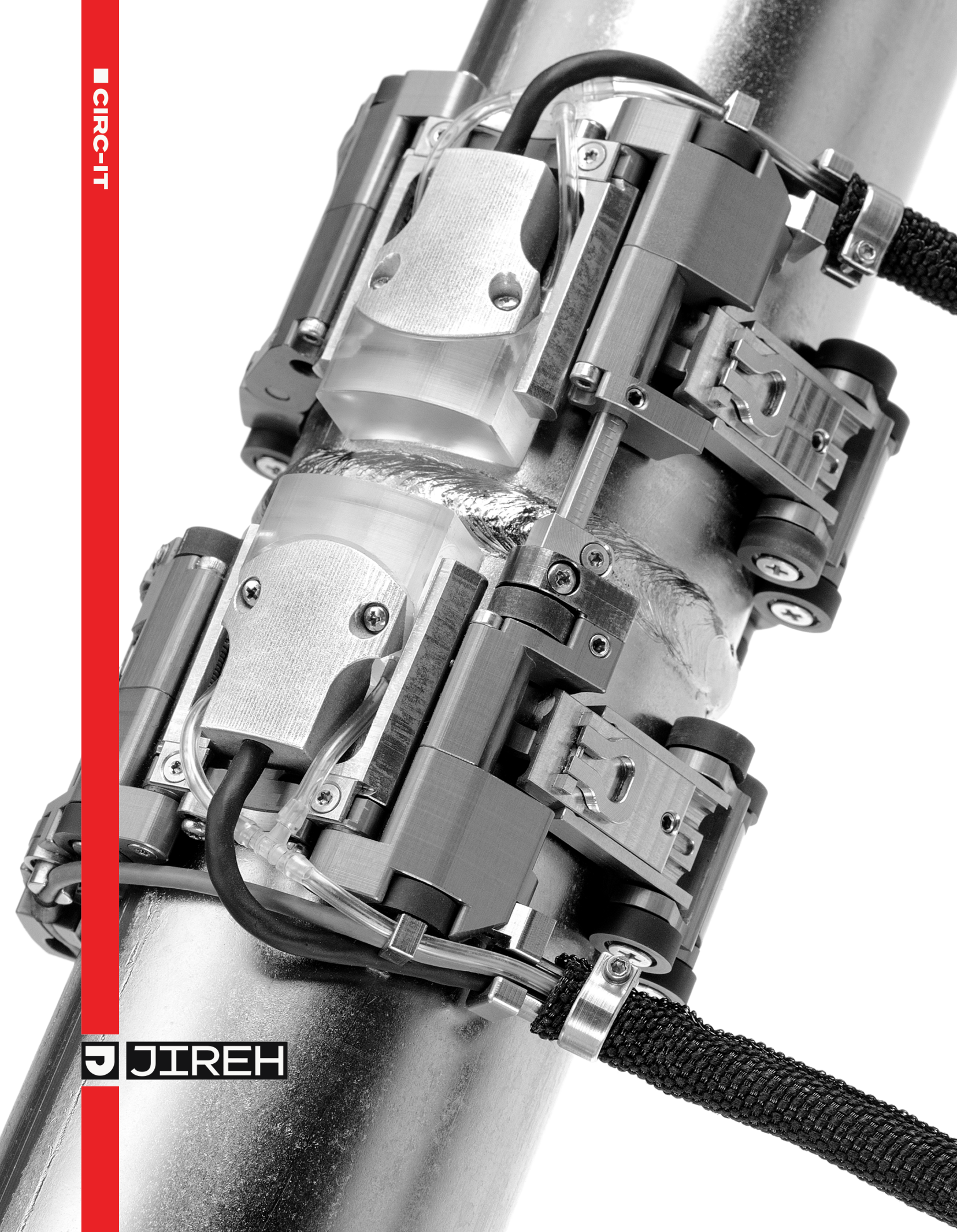
CIRC-IT



JIREH

Two probe Circ-it configured with long, medium and short links.

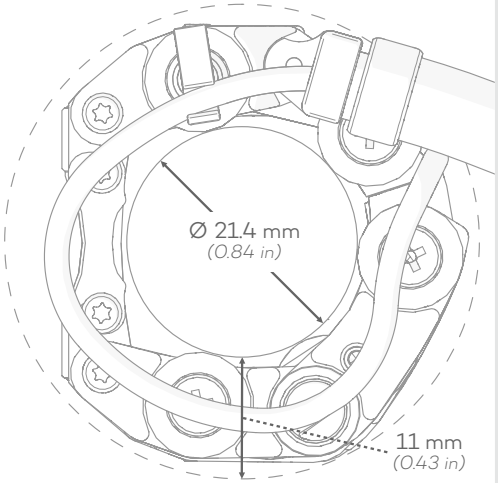
Environmental Specifications

Operating Environment

- -20 °C *(-4 °F)* to 50 °C *(122 °F)*

Environmental Sealing

- Dust tight, waterproof[4]



Features

Low Profile Design

- Requiring only 11 mm *(0.43 in)*[1] radial clearance for limited access inspection.

Small Diameter Scanning

- Scan pipe/tube sizes as small as 21.4 mm *(0.84 in)*[2].

Single or Dual Probe

- Carry two probes when required or decrease scanner width even further during single probe scans.

Adjustable Links

- Scan pipes or tubes between 21.4 - 114.3 mm *(0.84 - 4.5 in)* using the easy-to-use snap-together link system.

Urethane Wheels

- Durable urethane wheels provide smooth motion and traction during vertical scan applications.

Probe Compatibility

- Olympus A15 small-footprint probes and wedges.

1. Scanner only, Transducers and wedges not included.
2. Removal of the encoder cable guard is required for scan diameters smaller than 31.75 mm *(1.25 in)*.
3. Custom encoder cable lengths are available.
4. Not submersible.
5. Does not include cable management (sleeving).
6. This maximum probe spacing is achieved using the included 94 mm *(3.7 in)* crossbars.

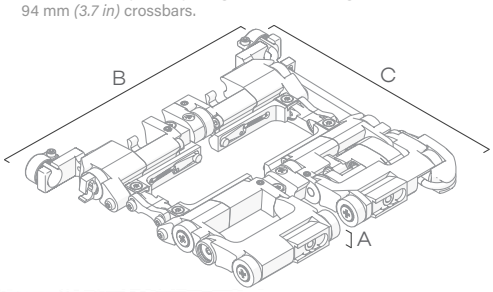
Weight and Dimensions

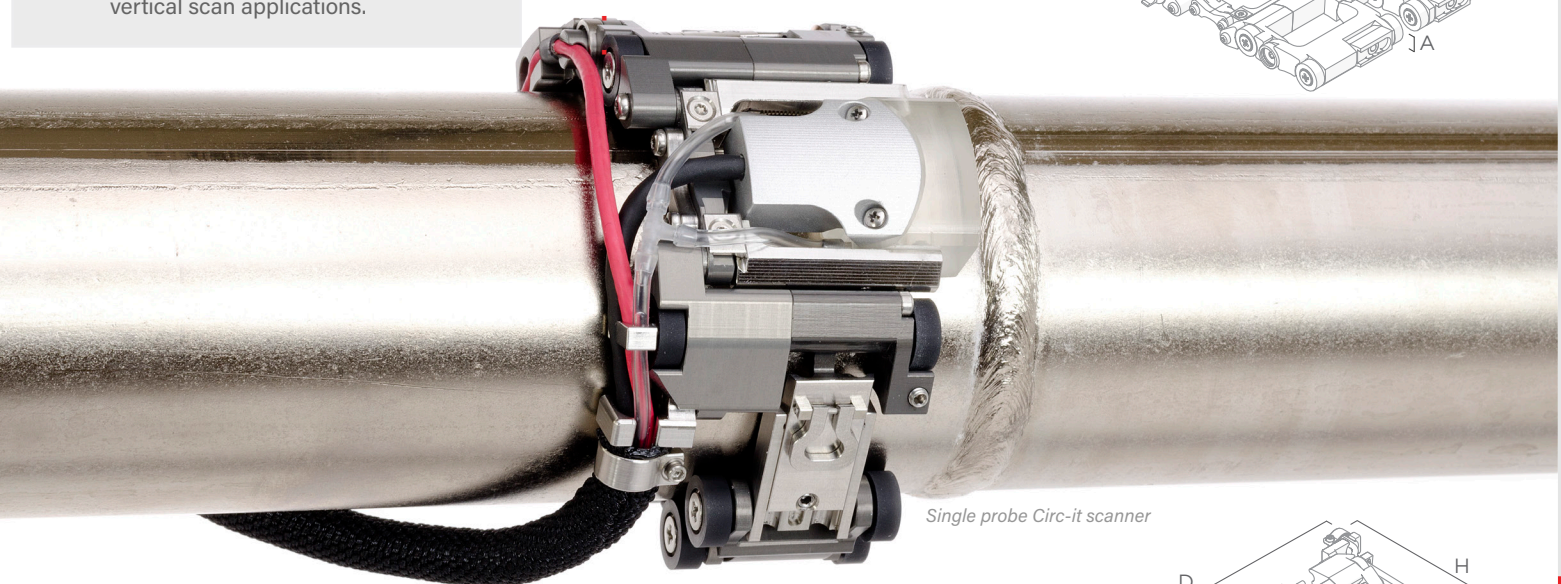
Scanner Weight

Single Probe	85 g	*(3 oz)*
Dual Probe	166 g	*(5.86 oz)*

Scanner Dimensions *(Dual Probe)*

A	Height	11 mm	*(0.43 in)*[2]
B	Width	114.6 mm	*(4.5 in)*
C	Length	107.7 mm	*(4.2 in)*[5]



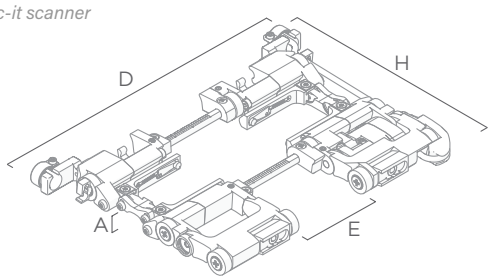


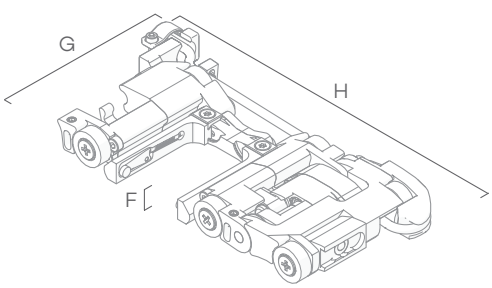
Single probe Circ-it scanner

D	Width *(Max)*	184.6 mm	*(7.3 in)*
E	Probe Spacing	70 mm	*(2.8 in)*[6]

Scanner Dimensions *(Single Probe)*

F	Height	11 mm	*(0.43 in)*[2]
G	Width	53.5 mm	*(2.1 in)*
H	Length	107.7 mm	*(4.2 in)*





Specifications

Pipe Diameter Range[2]

- 21.4 - 114.3 mm *(0.84 - 4.5 in)*

Minimum Radial Clearance

- 11 mm *(0.433 in)*[1]

Encoder Resolution

- 31.3 counts/mm *(795.0 counts/inch)*

Encoder Cable Length

- 3 m *(9.8 ft)*[3]

Inspection Surface

- Ferrous and non-ferrous

Accessories

Manual Couplant Pump

- 1 litre *(0.26 U.S. gal)* couplant pump

Circ-it Spare Parts Kit

- A valuable addition of parts to compliment a Circ-it system.