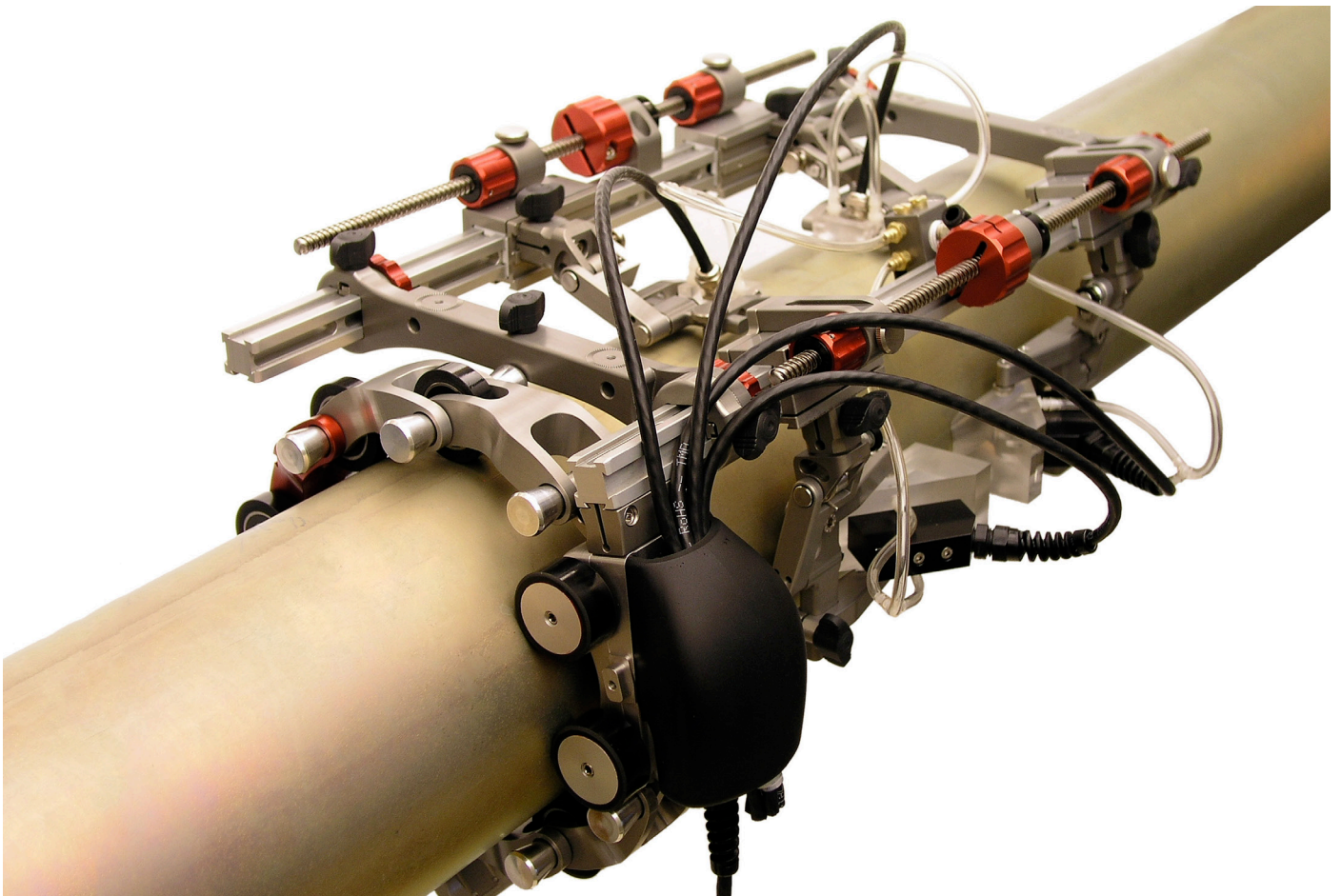


ROTIX

Manual Chain Scanner



JIREH
design • create • innovate

Manual and Motorized
Scanners for NDT

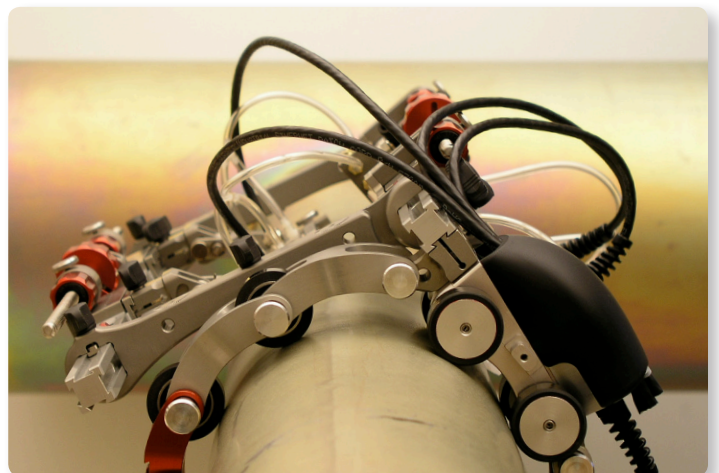
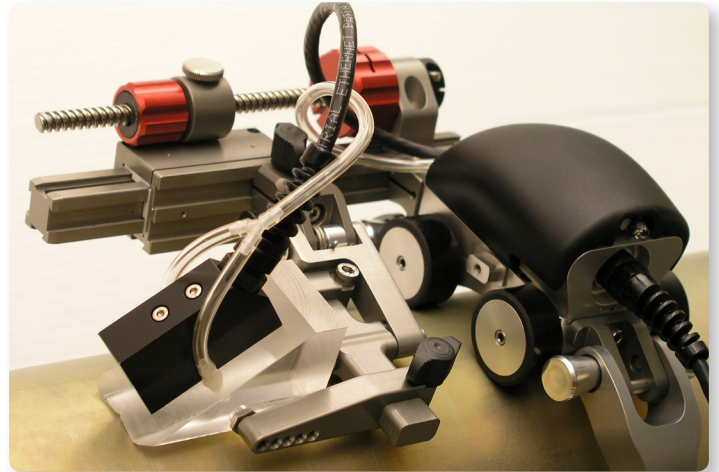
The Rotix is a manual “chain” scanner. It is designed to provide encoded probe position of probes circumferentially around piping. The Rotix is completely configurable for both phased array and traditional UT with single or multiple probes.

Features

- Multiple Configurations: One, two or four probe scanning configurations can be achieved.
- Adjustable Chain: Using two link lengths and an adjustable buckle, any size of pipe can be inspected from 1.50” - 38.0” diameter. Links are designed with quick releases to easily be added or removed.
- Dual Axis: Encoded scanning in both X and Y axis. (Y axis encoding is optional)
- Environmental Sealing: The Rotix uses o-ring gaskets and seals to protect against the penetration of contaminants into the unit.
- Wheels: All wheels are coated with urethane to reduce the effects of foreign debris obstructing the rolling of the scanner. Urethane also eliminates the sideways sliding of the scanner when used in vertical applications. Sealed, oversized bearings are integrated into the chain wheels for exceptional durability.
- Removable handle: The Rotix has a toolless removable cover allowing easy access to protected connections and also to provide cable management.

Specifications

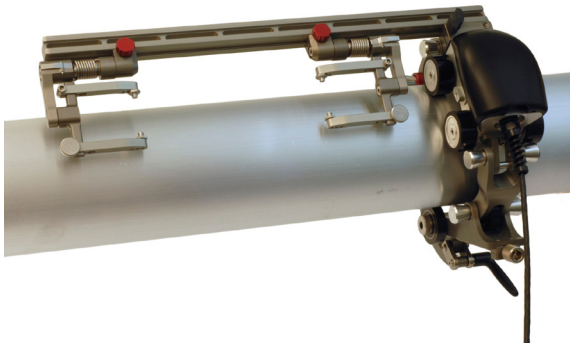
- Pipe Range: 1.50” - 38.0”
- Encoder Resolution: 19.2 steps/mm (Encoder input compatible with all major UT instruments)
- Probe Holding Capacity: 1 - 4
- Umbilical Length: 5m
- Inspection Surface: Ferrous or Non-Ferrous materials
- Slide Bar Length: 20 - 45cm



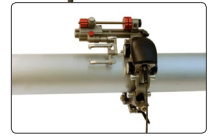
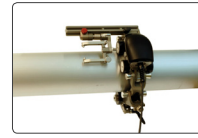
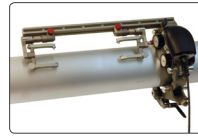
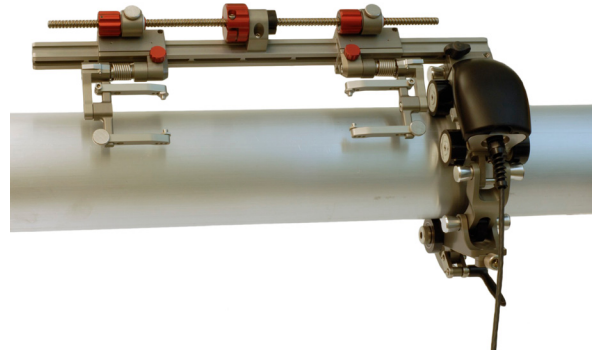
Standard Kits



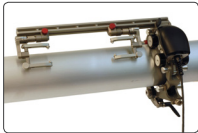
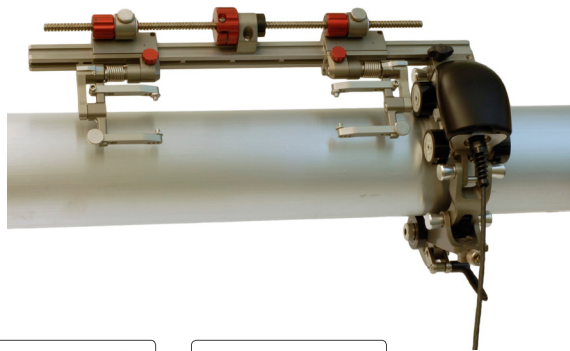
CEG002 2 Probes



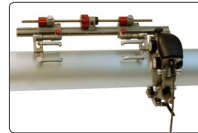
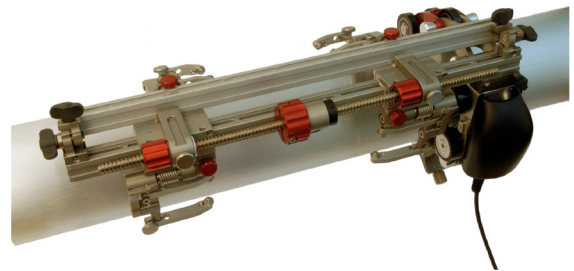
CEG005 2 Probes, Y Axis Adjustment (encoded)



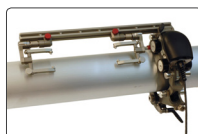
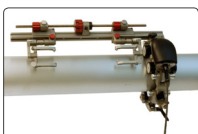
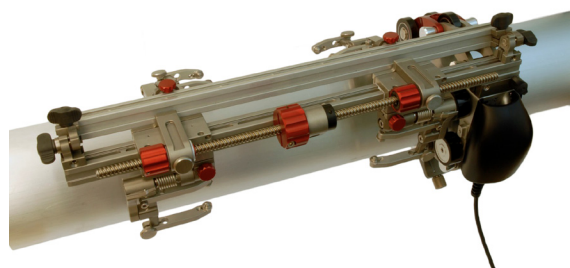
CEG003 2 Probes, Y Axis Adjustment



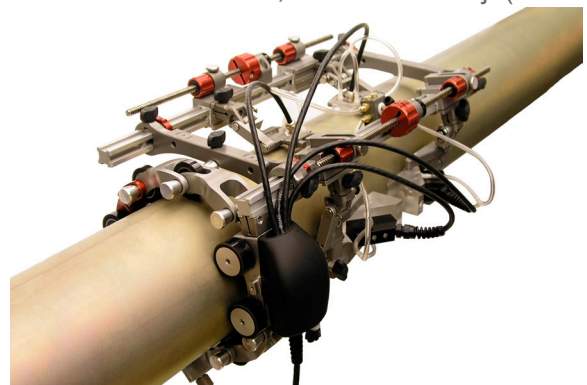
CEG006 4 Probes, Single Y Axis Adj.(encoded)



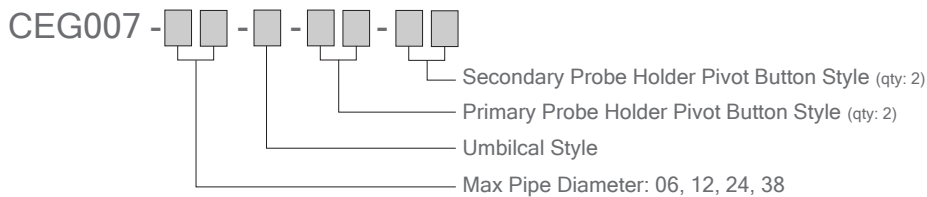
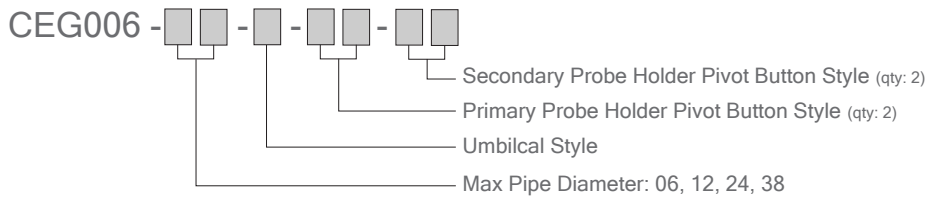
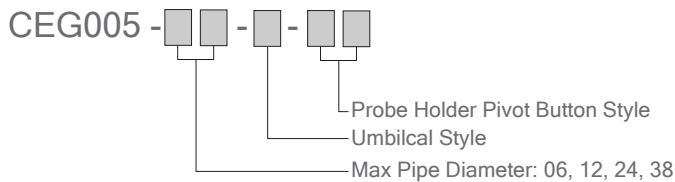
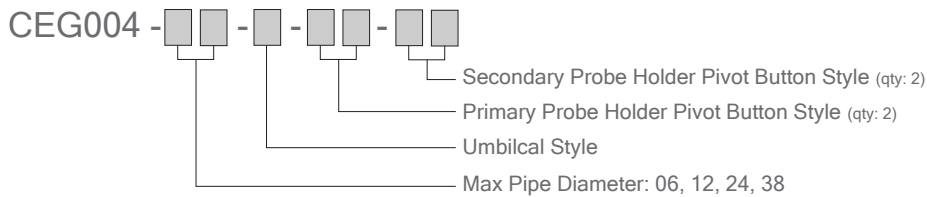
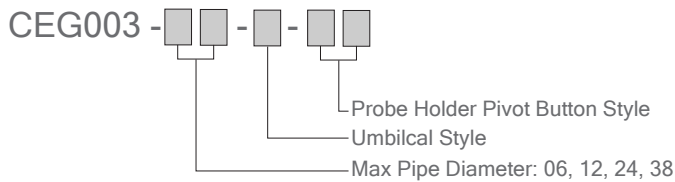
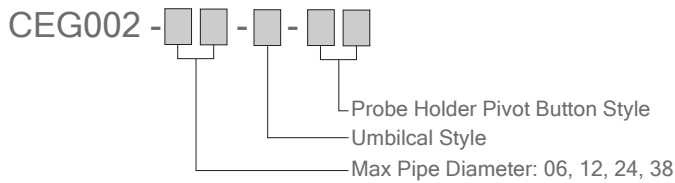
CEG004 4 Probes, Single Y Axis Adjustment



CEG007 4 Probes, Dual Y Axis Adj. (encoded)



Ordering Info



Pivot Button Style

Button Style	Pivot Hole Size	Hex Size
01	8.0mm (0.315")	9.53mm (3/8")
02	5.0mm (0.197")	9.53mm (3/8")
03	2.7mm (0.106")	9.53mm (3/8")
04	9.5mm (0.375")	11.1mm (7/16")
06	3.0mm (0.118")	9.53mm (3/8")
07	2.3mm (0.090")	9.53mm (3/8")

Umbilical Style

Umbilical	Company/Instrument
A	Flying Leads
B	Olympus OmniScan
C	Olympus Focus LT
E	Olympus Epoch XT
N	Olympus UMB1 Umbilical (single axis encoder output)
B	Harfang X32
F	AGR TD Focus Scan
F	AGR TD Handy Scan
F	AGR TD Scan
F	AGR TD Pocket Scan
G	Sonotron Isonic
J	Jireh Breakout Bell
K	AIS NP3 Nanopulser
L	US Ultratek PCIUT3100T
M	Scantech Analyst