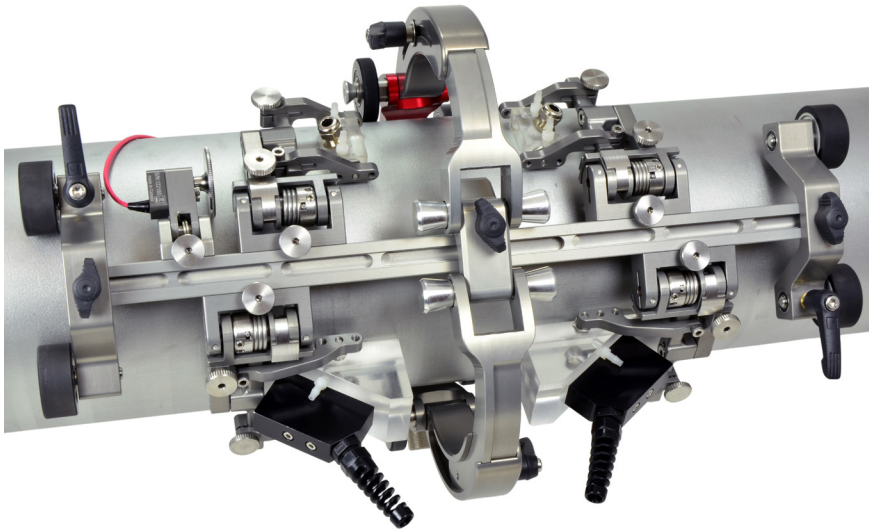




FOUR PROBE WELD FRAME SCANNER

DOUBLE WHEEL CHAIN, ONE AXIS ENCODING



The Rotix – CEG013 is a manual chain scanner designed to provide encoded probe position of four probes circumferentially around tubes and pipes. A double wheel chain is used to straddle the weld. This allows the scanner frame to be centered on the weld to reduce wandering and reduce the width of the scanner. The Rotix chain can be adapted from 6 in. – 38 in. OD using multiple combinations of short and long links.

FEATURES:

- Adjustable Chain: 6.0" – 38.0" diameter. Links are designed with quick releases to easily be added or removed.
- Double Wheel Chain: Straddles the weld allowing reduced wandering and reduced width of the scanner.
- Probe Holders: Adjustable to accommodate multiple probe and wedge combinations.
- Wheels: Coated with urethane to reduce slippage and the effects of rolling over foreign debris.
- Brake system: Locks scanner in required position.
- Umbilical: The modular and removable umbilical, can be used for one axis and two axis scans.
- Encoder: Integrated encoder is compatible with all standard instruments.
- Environmental Seal: O-ring gaskets and seals protect internal components from contaminants.

SPECIFICATIONS:

- Pipe Range: 6.0" – 38.0"
- Encoder Resolution: 9.06 counts/mm (5V DC TTL encoder compatible with all major UT instruments)
- Probe Holding Capacity: 2 TOFD, 2 Phased Array wedges
- Umbilical Length: 5m
- Inspection Surface: Ferrous or Non-Ferrous materials

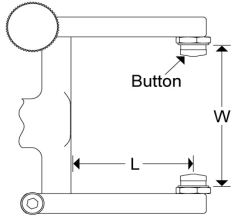
KIT CONTENTS:

- Rotix Frame with 40cm(15.7in) Frame Bar
- Double Wheel Chain links and buckle
- Spring Loaded Encoder, 5m Cable
- 2 Slip Joint Phased Array probe holders (Adjustable wedge size)
- 2 Slip Joint TOFD probe holders (Adjustable wedge size)
- 2 Long probe holder arm sets
- Probe holder spare parts kit
- 3mm hex tool
- Irrigation kit
- Rugged carrying case



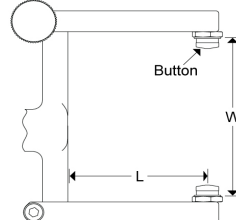
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TOFD PROBE HOLDER

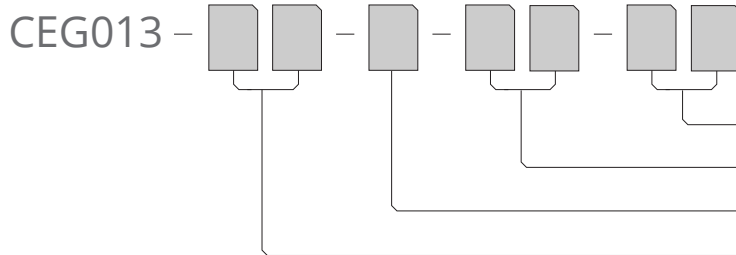
Arm Style	Width (W)	Length (L)
Short	0.513" (13.0mm) - 1.772" (45.0mm)	1.450" (36.8mm)



PHASED ARRAY PROBE HOLDER

Arm Style	Width (W)	Length (L)
Standard	0.513" (13.0mm) - 2.266" (57.6mm)	1.910" (48.5mm)
Long	0.513" (13.0mm) - 2.165" (55.0mm)	2.570" (65.3mm)

ORDERING INFORMATION



- Secondary Probe Holder Pivot Button Style
- Primary Probe Holder Pivot Button Style
- Encoder Connector Type
- Max Pipe Diameter: 06, 12, 24, 38

ENCODER CONNECTOR TYPE

CONNECTOR TYPE	COMPANY/INSTRUMENT
B	Olympus - OmniScan MX / Zetec - ZIRCON, TOPAZ
C	Olympus - Focus LT / Zetec Z-Scan
D	Olympus - OmniScan MX2, OmniScan SX,
F	TD - Focus Scan, Handy Scan, Pocket Scan
G	Sonotron - Isonic
M	GE - USM Vision
U	Sonatest - VEO, PRISMA

Additional encoder connector types available

PIVOT BUTTON STYLE

BUTTON STYLE	PIVOT HOLE SIZE	WEDGE TYPE
01	8.0mm (0.315")	Olympus PA
02	5.0mm (0.197")	Olympus TOFD
03	2.7mm (0.106")	Sonatest DAAH PA
04	9.5mm (0.375")	-
06	3.0mm (0.118")	-
07	2.3mm (0.090")	-
08	Conical Head	-
09	5mm (0.197") Internal	Zetec PA/TOFD

Additional encoder connector types available

ACCESSORIES



Magnetic Wheel Kit
BTG014



Handle
BGS054



Manual Couplant Pump - 2 gal.
CMA013



Manual Couplant Pump - 3 gal.
CMA014



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