



CORROSION SCANNER

INDEX ENCODING



The Rotix – CEG027 is a manual chain corrosion scanner with a built in positional encoder and index encoder. It is designed to translate phased array probes and wedges around non-ferrous piping and vessels for the purpose of corrosion inspection. Urethane wheels built into the chain links provide smooth constant rolling when scanning. The Rotix chain can be adapted from 4 in. – 38 in. OD using multiple combinations of short and long links.

FEATURES:

- Adjustable Chain: 4" - 38.0" diameter.
- Brake system: Locks scanner in required position.
- Wheels: Coated with urethane to reduce slippage and the effects of rolling over foreign debris.
- Encoder: Integrated positional encoder is compatible with all standard instruments.

SPECIFICATIONS:

- Pipe Range: 4" – Flat
- Encoder Resolution: 16.32 counts/mm
- Index Resolution: 40.31 counts/mm
- Probe Holding Capacity: 1 Heavy Duty Vertical Probe Holder
- Inspection Surface: Ferrous materials

KIT CONTENTS:

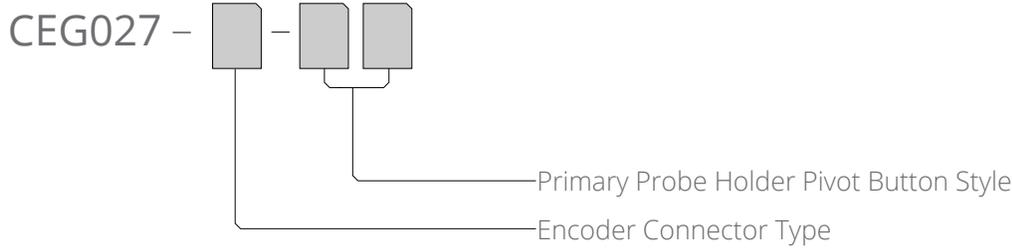
- Rotix Frame, 75 cm (29.5") frame bar with ruler
- Heavy Duty Vertical Probe Holder
- Chain links and buckle
- Zipper Tube
- Encoder and Index encoder cables
- Probe holder spare parts kit
- Irrigation kit
- 3 mm hex tool
- 3/8" wrench for pivot button adjustment
- Rugged carrying case



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ORDERING INFORMATION



ENCODER CONNECTOR TYPE

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



Manual Couplant Pump - 2 gal.
CMA013



Manual Couplant Pump - 3 gal.
CMA014



Zipper Tube Cable Mgmt. Kit
CES044-04.5



HydroFORM™ Cart
PHS044