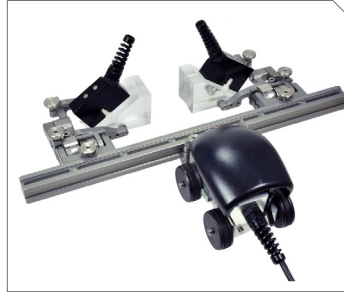




TWO PROBE PHASED ARRAY SCANNER

SINGLE AXIS ENCODING



The Microbe – BTG006 is a small hand held scanner with built in encoder and magnetic wheels. It is designed to translate two Phased Array probe around ferrous piping and vessels.

FEATURES:

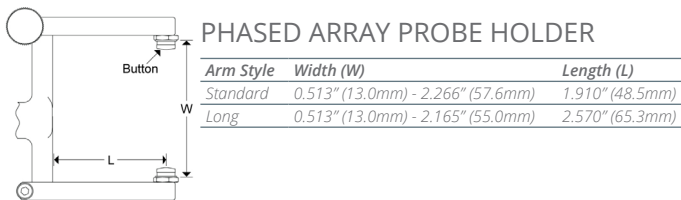
- Modular Design: The Microbe is fully compatible with the Rotix scanner and Stix system.
- Probe Holders: Adjustable to accommodate multiple probe and wedge combinations.
- Umbilical: Modular and removable umbilical, can be used for one axis and two axis scans.
- Brake system: Locks scanner in required position.
- Magnetic Wheels: Coated with urethane for smooth rolling. Stackable to allow for increased magnetism.
- Removable handle: Removable cover to access connections and provide cable management.
- Encoder: Integrated encoder is compatible with all standard instruments.
- Environmental Seal: O-ring gaskets and seals protect internal components from contaminants.

SPECIFICATIONS:

- Pipe Range, Circumferential: 4.4cm (1.5") O.D. to flat
- Pipe Range, Longitudinal: 7.6cm (3.0") to flat
- Scanner Dimensions: 7.5 x 8.4 x 11.4cm (2.95" x 3.30" x 4.50") (Microbe base only).
- Weight: 960grams (2.1 lbs) (Microbe base only).
- Encoder Resolution: 19.2 steps/mm
- Probe Holding Capacity: 2 Phased Array wedges
- Umbilical Length: 5m
- Inspection Surface: Ferrous

KIT CONTENTS:

- Microbe module with one axis encoder
- 5m Encoder Cable (2 axis compatible, optional encoder required)
- 35cm (13.8in) Frame Bar
- 2 Slip Joint Phased Array probe holders (Adjustable wedge size) with Standard Drop Arms
- 2 Long Drop Arm probe holder arm sets
- 2 Additional magnetic wheels
- Probe holder spare parts kit
- 3mm hex tool
- Irrigation kit
- Rugged carrying case

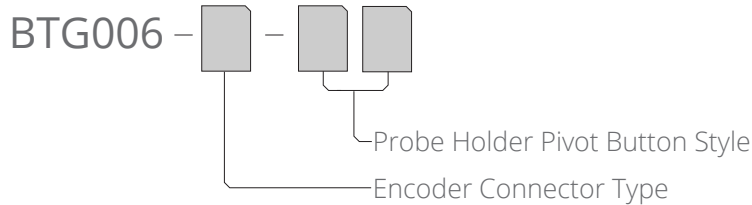




TWO PROBE PHASED ARRAY SCANNER

SINGLE AXIS ENCODING

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

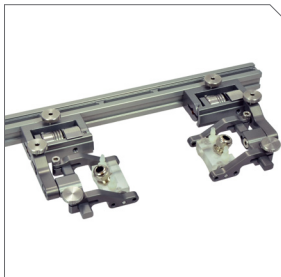
Additional encoder connector types available

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



Phased Array Probe Holder Kit
BTG015



Manual Couplant Pump - 2 gal.
CMA013



Manual Couplant Pump - 3 gal.
CMA014