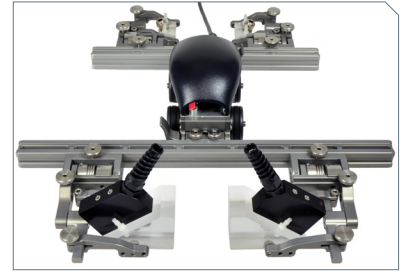


## 4 PROBE WELD SCANNER SINGLE AXIS ENCODING



The Microbe – BTG007 is a small hand held scanner with built in encoder and magnetic wheels. It is designed to translate two Phased Array probe and two TOFD probes 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 PA, and 2 TOFD
- Umbilical Length: 5m
- Inspection Surface: Ferrous

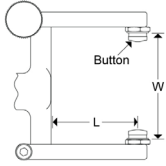
### KIT CONTENTS:

- Microbe module with one axis encoder
- 5m Encoder Cable (2 axis compatible, optional encoder required)
- 35cm (13.8in) Frame Bar
- 25cm (9.8in) Frame Bar
- 2 Slip Joint Phased Array probe holders (Adjustable wedge size) with Standard Drop Arms
- 2 Slip Joint TOFD probe holders (Adjustable wedge size) with Short 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



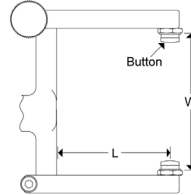
# 4 PROBE WELD SCANNER

## SINGLE AXIS ENCODING



TOFD PROBE HOLDER

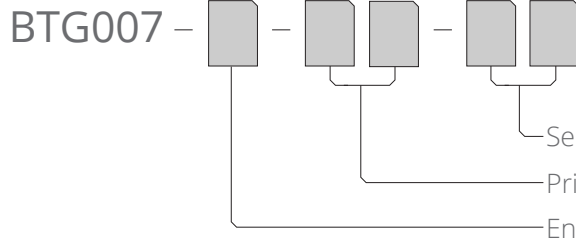
Arm Style	Width (W)	Length (L)
Short	0.513" (13.0mm) - 1.772" (45.0mm)	1.450" (36.8mm)



PHASED ARRAY PROBE HOLDER

Arm Style	Width (W)	Length (L)
Standard	0.513" (13.0mm) - 2.266" (57.6mm)	1.910" (48.5mm)
Short	0.513" (13.0mm) - 1.772" (45.0mm)	1.450" (36.8mm)

### ORDERING INFORMATION



Secondary Probe Holder Pivot Button Style  
 Primary Probe Holder Pivot Button Style  
 Encoder Connector Type

### 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



Manual Couplant Pump - 2 gal.  
CMA013



Manual Couplant Pump - 3 gal.  
CMA014



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