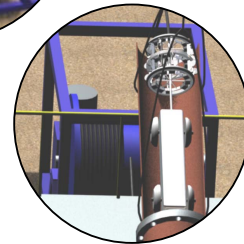
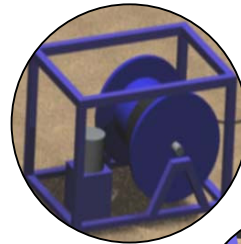


DATASHEET: PS-8-64

PIPESCAN ULTRASONIC SCANNER 8" 64 Channels	
Overall length	3000 mm
Weight	Ca 60 kg
Max water depth	350 m water depth (35 Bars)
Operating liquid	Water (other liquids by agreement)
Environmental working temperature	1-40 °C
Bend radius	Min 3 x D bend
Min Bore	172 mm
Wall thickness range	>2.0 mm upwards.
Accuracy of positioning along axis	+/- 0.5%
Axial sampling frequency	3 mm step standard / other by agreement
Number of sensor	64 probes in one channel module.
Radial Sensor spacing	5.625 deg.
Inspection coverage	360 deg.
Feature detection	Internal and external corrosion Dents, weld root corrosion. Mid-wall defects. (Ext/Int Discr.) Grinding/Gauging Geometrical deviations/Misalignment
Detectable Pipeline installations	Valves, tee`s, fittings, bends, sleeves



Revision	Description	Date
00	Issued for use	2008-06-16
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AGR PipeTech AS – P.O. Box 163, Smålonane 12-14, N-5342 STRAUME, NORWAY
 Tel: +47 56 31 60 00, Fax: +47 56 31 60 01
 E-mail: pipeotech@agr.no – www.agr.com
 NO 986571116 MVA

Metal loss, detection and sizing

Anomalies in Girth Weld or Heat Affected Zone *)				
	General metal loss	Pitting	Axial grooving	Circumf. grooving
Depth sizing accuracy at 80% confidence	+/- 0.3 mm	+/- 0.3 mm	+/- 0.3 mm	+/- 0.3 mm
Width sizing accuracy at 80% confidence	+/- 10.0 mm	+/- 10.0 mm	+/- 10.0 mm	+/- 10.0 mm
Length sizing accuracy at 80% confidence	+/- 3.0 mm	+/- 3.0 mm	+/- 3.0 mm	+/- 3.0 mm

*) Only valid for internal defects

Metal loss, detection and sizing

Anomalies in Body of Pipe **)				
	General metal loss		Pitting	
Confidence	80%	90%	80%	90%
Depth sizing accuracy at 80% and 90% confidence	+/- 0.3 mm	+/- 0.5 mm	+/- 0.3 mm	+/- 0.5 mm
Width sizing accuracy at 80% and 90% confidence ***)	+/- 10.0 mm	+/- 10.0 mm	+/- 10.0 mm	+/- 10.0 mm
Length sizing accuracy at 80% and 90 % confidence	+/- 3.0 mm	+/- 5.0 mm	+/- 3.0 mm	+/- 5.0 mm
	Axial grooving		Circumf. grooving	
Confidence	80%	90%	80%	90%
Depth sizing accuracy at 80% and 90% confidence	+/- 0.3 mm	+/- 0.5 mm	+/- 0.3 mm	+/- 0.5 mm
Width sizing accuracy at 80% and 90% confidence ***)	+/- 10.0 mm	+/- 10.0 mm	+/- 10.0 mm	+/- 10.0 mm
Length sizing accuracy at 80% and 90 % confidence	+/- 3.0 mm	+/- 5.0 mm	+/- 3.0 mm	+/- 5.0 mm

***) Assumes a 64 channel system using 3 mm axial collection step.

Values found after verification trails in test pipe.

***) Based on standard schedule wall thickness

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