

CLAW TRANSDUCERS

The small diameter transducer or "Claw" is able to reach in and fit between closely spaced tubes where conventional rings cannot be mounted. The claw is often used to inspect boiler, heater, or furnace tubes from the outside. One hundred percent coverage can be obtained, including areas that are difficult to inspect using other methods (for example penetrations and concealed bends). The inspection can normally be performed even if the tubes are still full of the catalyst.

There is also a remote access option where the tool head is attached to a 2-metre long extension arm that allows inspection of very difficult to access tubes or pipes (for example those within a bundle). Different transducer spacing options are available to allow the system to be optimised for detecting certain types of defects.



Spring Loaded, dry coupled



High Frequency Operation



Precision Milled Body



High Temperature Option available



Ergonomic Handles



Tube Applications

Available Versions:

Tube Size	Pipe Size	OD (inch)	OD (mm)
0.75"	—	0.750	19.05
1"	—	1.000	25.40
—	0.75"	1.050	26.67
1.25"	—	1.250	31.75
—	1.00"	1.315	33.40
1.5"	—	1.500	38.10
—	1.25"	1.660	42.20
1.75"	—	1.750	44.45

Tube Size	Pipe Size	OD (inch)	OD (mm)
—	1.5"	1.900	48.26
2"	—	2.000	50.80
2.25"	—	2.250	57.15
—	2"	2.374	60.30
2.5"	—	2.500	63.50
>2.75"	—	2.750	69.85
—	2.5"	2.874	73.00

Specifications:

Number of Channels

8

Operating Temperature

-40° to 70°C (160°F)

Radial Clearance

50mm (2")

Compatibility

Wavemaker[®] G3, G4 (with MF Option) and G4Mini (Fully Loaded)