

Crawler for Pipe Welds **LPS**



Superior Features

- Support up to two phased array probes to cover the whole welds at one time.
- Can be operated within 15mm clearance, perfect for hard-to-reach area inspection.
- Crawler can provide stable and constant pressure around the pipe full circumference.
- Urethane wheels help the crawler have smooth radial movement along the pipe and reduce axial drift.
- Positive inspection and reverse inspection with high reproducibility and good coupling.
- With its simple buckle design, just easily buckle up and unbuckle the links for different pipe diameters (No need to disassemble the whole scanner).
- Crawlers are compatible with different PA ultrasonic flaw detector by different interfaces.

Specification

	LPS-01 (one-side inspection)	LPS-02 (dual-side inspection)	LPS-07 (one-side inspection)	LPS-08 (dual-side inspection)	LPS-04	LPS-05 (one-side inspection)	LPS-06
OD	Suitable for pipe from 20.32-114.3mm (0.84-4.5 inch)		Suitable for pipe from 100-300mm (3.94-11.81 inch)		Suitable for pipe of 57mm and 89mm	Suitable for pipe of 108mm, 114mm, 159mm and 168mm	Suitable for pipe of 219mm, 273mm, 325mm and 377mm
WEIGHT	0.42KG	0.8KG	0.7KG	1.3KG	0.3KG	0.5KG	0.9KG
PIPE DIVIDER	a) Main water pipe: 4×2.5mm (OD×ID) Distributed water pipe: 2×1.2mm (OD×ID) b) Support up to 2 probes coupling					a) 2×1.2mm (OD×ID) b) Support 1 probe coupling	
PRECISION	32.6 step/mm			27.2 step/mm			
ENCODER WHEEL	IP: IP68 Integrated with connecting wire, with 14-core connector Weight: 0.08kg						

On-site Application



SIUI

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