

TransCam F300B



Hybrid Pressurized Water leak detection and Video Inspection Hot tapping solution



Introducing TransCam F300B, your ultimate solution for inspecting pressurized water pipelines with diameters of 20 inches and larger. Designed to meet the demands of pipeline networks that require precise leakage detection and accurate internal pipeline status recording, this innovative robot offers unparalleled capabilities.

Effortless Integration: TransCam F300B seamlessly enters live pipelines through a hot tapping flange, autonomously navigating the pipeline with minimal disruption to regular supply services. Its modular design boasts a versatile video inspection system,

complemented by an optional Sonar module for advanced leak detection. With a pan & tilt camera head capable of capturing footage at distances of up to an impressive 0.3 miles (500meters), operators can gather comprehensive pipeline condition data while maintaining precise control during inspections.

Versatile Data Collection: One standout feature of F300B is its ability to collect a wide range of pipeline condition information in a single deployment. Tailored for use in pipelines with reduced or no flowing water, it offers the flexibility to control its travel direction as needed. This adaptability makes it suitable for pipelines with a minimum diameter of DN500 and larger, accommodating access fittings as small as DN150.

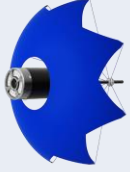



Unparalleled Performance: TransCam F300B is the ultimate choice for pipeline inspection, offering unmatched accuracy, versatility, and reliability. Trust in its state-of-the-art technology to safeguard the integrity and performance of your critical water infrastructure.



TransCam F300B



Hybrid Pressurized Water leak detection and Video Inspection Hot tapping solution

 <p>Detection robot</p>	Deployment range	from DN300 upwards
	Access fitting	Min.DN150
	Camera	Endless rotation, ±90° pitch angle
	Camera resolution	full HD; 2.1 Megapixels; 1920x1080P
	Camera lighting	LED
	Leak detection	Acoustic sensor
	Leak location accuracy	±0.5m; 0.05l/min
	Water pressure accuracy	0.1 bar
	Probe	1 piece, φ 130mm
	Required water speed	0-3m/s (travel w/o flow)
	Protection class	IP68 up to 10m water depth
	Integrated location Trans	±0.5m accuracy; Max. 10m depth
	 <p>Cable feeder</p>	Patent launch system
Pipe material		All pipe
Bend pipe		Travel single bend ≤45°; travel multi bends ≤270°
 <p>Launch tube & Cable drum</p>	Drive	motor-driven
	Cable length	500m
	Cable tension	300kg
	Winding aid	yes
	Meter counter	±1% accuracy, min. scale: 1cm
	Power	Battery, 8h; power cord (optional)
	Communication	Wi-Fi connection to control pad
	Protection class	IP65
 <p>Control Pad</p>	OS	Android
	Display	10.1 inch
	Storage	128G
	Battery	8h
	Size & weight	102x153x63mm, 280g
	Communication	Bluetooth 6m

Product appearance and specifications are subject to change without notice.