

Kinley Mega Data Caliper

This is the only Caliper available with fully mechanical, simultaneous, independent and continuous readings from 30 feelers.

When the call is for accurate assessment of corrosion, erosion and/or pipe anomalies in wellbores up to 22" Casing, Expro's Kinley *Mega Data Caliper* is the answer.

By sensing the internal wall surface with 30 feelers equally distributed, the Mega Data Caliper is delivering the industry's highest radial resolution of its class.

Immediate results are available when using Expro's Kinley DigiCal. The DigiCal offers the technology that allows digitizing acquired data at the wellsite to provide state-of-the-art outputs and the facility to transmit the data to one of our centers for immediate analysis.

Applications:

- Large Tubing, Casing
- Hi Temperature - Hi Pressure environments
- Precision corrosion assessment
- Pipe deformation detection
- Pipe anomalies detection
- Time offset corrosion monitoring

Features:	Benefits:
Extreme temperature and pressure environment	This purely mechanical instrument can acquire data in virtually unlimited pressure and over 650°F. No temperature or pressure corrections are required so data quality is not compromised
Extensive track record	Leading the Caliper industry since 1938, Expro's Kinley Calipers have amassed data in thousands of wells all over the world
Tandem combination	Can be combined with other Mega Data Caliper(s) to increase radial coverage
Electronic data	Beside the outstanding mechanical features, the data can be quickly analyzed at wellsite and even transmitted to analysis centers for further interpretation



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Technical Specifications:

Service	H ₂ S, CO ₂	
Working Pressure	Unlimited	
Working Temperature.	650°F	(315.5°C)
Make-up Length	108.9'	(277 cm) ⁽¹⁾
Tool Weight	110 lbs	(49.8 Kg)
Minimum Clearance	0.062"	(1.57 mm)
Bend Radius in 9 ⁵ / ₈ " ID	77 ft	(23.4 m)
Bend Radius in 7" ID	110 ft	(33.5 m)
ID Working Range	3.62" - 22"	(100 mm - 559mm)
Tool Bottom to Bottom Feelers	63"	(160 cm) ⁽¹⁾
Radial Resolution	1 channel every 12"	
Vertical Resolution	Unlimited (Analogical)	

⁽¹⁾Tool setting up to 6⁵/₈"

Accessories:

Knuckle/Quick-Lock Orientor
 Pad-Shoe Rollers
 The DigiCal technology

Special Services:

The DigiCal technology
 Pipe Deformation Report
 3D Rendering