

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 16" Casing, the *Mega Data Caliper* is Expro's answer.

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

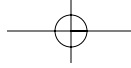
Immediate results are available when using the, **DIGICal.**, Digital is the technology that allows to digitize the acquired data at the wellsite to provide state-of-the-art outputs and the facility to transmit the data to one of the Expro's Kinley Centers for immediate analysis.

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, Kinley has amassed data in thousands of wells all over the world
Tandem combination	Can be combined with other MegaData 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





Data Acquisition



Mega Data Caliper

Technical Specifications:

Service	H ₂ S, CO ₂	
Working Pressure	Unlimited	
Tensile Strength	20,000 lbs.	(9,072 Kg)
Working Temperature	650°F	(315.5°C)
Maximum Tool O.D.	3.62" - 11.64"	(92 mm - 296 mm)
Make-up Length	108.9"	(277 cm) ⁽¹⁾
	135.7"	(350 cm) ⁽²⁾
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	3.925" - 17.49" (100 mm - 444mm)	
Tool Bottom to Bottom Feelers	63"	(160 mm) ⁽¹⁾
	88"	(223.5 mm) ⁽²⁾
Radial Resolution	1 channel every 12"	
Vertical Resolution	Unlimited (Analogical)	

⁽¹⁾Tool setting up to 6 5/8" ⁽²⁾Tool setting up to 7 5/8"

Accessories:

Knuckle/Quick-Lock Orientor
 Pad-Shue Rollers
 The DIGical technology

Special Services:

The DIGical technology
 Pipe Deformation Report
 3D Rendering



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 MegaDataCaliper 040808_v1

