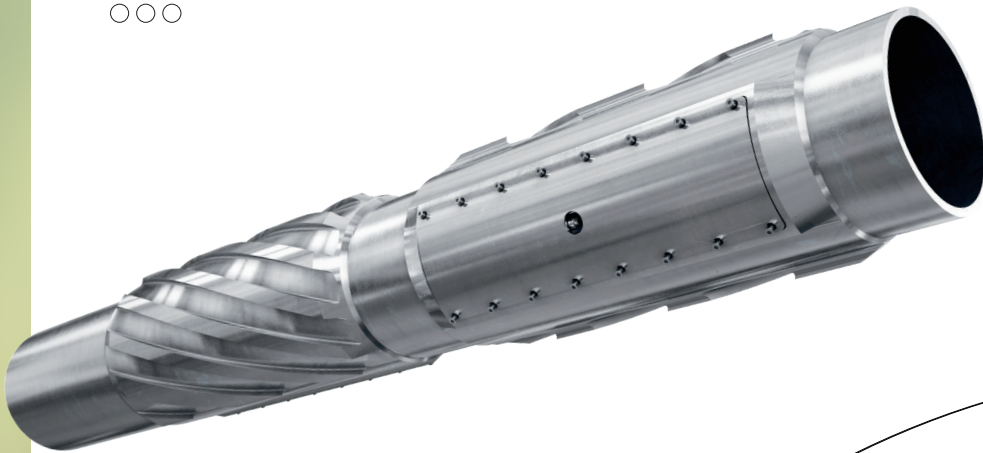


# **WELLTEC®** **DATA MONITORING (WDM™)** FOR BARRIER VERIFICATION

The programmable Welltec® Data Monitoring (WDM™) solution measures and records pressure and temperature (data) within the liner or casing annulus onto which it is mounted. The WDM™ is battery powered with programmable memory, and operates autonomously from surface, recording data 24/7. Battery life is a function of the BHT, sampling and download frequency.

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**Welltec®**

The recorded data is downloaded using the wireline deployed Welltec Data Recorder (WDR™). The WDM™ is identified and activated by the wireless telemetry from the WDR™ and transmits the data quickly through the wall of a single tubular string to the WDR™ with SRO.

The wireline WDR™ intervention can be combined with other services such as CBL, PLT, etc.

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### Applications

- Measures annular P&T during circulation or cementing
- Verification of Barrier and ZI integrity

### Features

- Fast data download
- Versatile placement
- Robust mandrel design

### Benefits

- Mounted on Tubular OD, maintaining full-bore casing
- No Casing penetration
- Robust mandrel design



# WCS PRODUCT SPECIFICATIONS

WDM™	General Information
Product Name	Welltec® Data Monitoring (WDM™)
Product Structure	Annulus Monitoring with thru-casing communication
Base Casing	Compatibility with all Standard Casing Material / Weight / Threads
Metallurgy	4140 / 13 Cr / S13 Cr / 25 Cr / Inc 718 / 925
Power Source	Battery
Lifetime	Up to 30 days

WDM™	958WDM
Base-pipe Size	9-5/8"
Maximum Pressure psi (bar)	10,000psi (689bar)
Maximum Temperature °C (°F)	125°C (257°F)
Pressure Resolution	0.08psi
Pressure Accuracy	1psi
Sample rate	1 point per minute
Memory	5 million datapoints

