

# Welltec® Data Monitoring (WDM™)



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.

Welltec®

# For barrier verification




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## 01 Applications

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

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## 02 Features

Fast data download  
 Versatile placement  
 Robust mandrel design

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## 03 Benefits

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

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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.

# WCS product specifications

Welltec® WDM™	General Information
Product Name	Welltec® Data Monitoring (WDM™)
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

Welltec® 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

