

AnTech®



ACQLAIM™ Memory Tools

Capturing downhole data

Providing recorded evidence of an operation's performance AnTech's ACQLAIM™ Memory Tools eliminate speculation of what is happening downhole. Capturing the information needed to modify or improve future operations they are vital part of wellsite decision making.

AnTech's ACQLAIM™ Memory Tools are designed for operations where wireline is not available or possible. The information gathered, by recording a downhole operation's performance can be used to modify or improve future operations.

AnTech offers various tools to capture information for a variety of applications. With the ability to measure load (Weight-on-Bit), torque, temperature, pressure, rotational speed and vibration, together with a straight through flow-path for uninterrupted downhole hydraulic operations and ball drops the tools can be used for multiple purposes. (eg. monitoring expansions, drilling applications, setting plugs, shifting sleeves, fracing and more.)

The information is recorded to the onboard memory and once the tool is retrieved, the data can be quickly and easily gathered and reviewed using simple to use software. This provides the ability to make on-the-spot operational decisions to ensure a job's success.

"What is assumed about the downhole environment is not always happening"

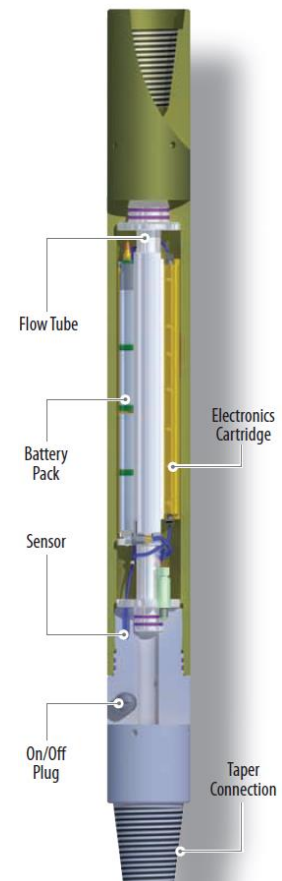
Features

On site graphical display – instant reporting for faster results to your client.

Large memory - over 100 hours of real time logging data

Flow through the tool - for continuous hydraulic and ball drop options.

Range of sizes - available from 2.875" to 5.9".



Selection of sensors to suit the application plus the capability for retrofitting additional sensors to measure:

- Temperature
- Pressure
- Torque-on-Bit
- Weight-on-Bit
- Rotational Speed

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Current Tool Inventory - Ratings and Specifications

The details below indicate the current tool inventory, but customisable solutions are available to suit the dimensions and sensors required.

OD in (mm)	2.875 (73)	4.75 (121)	5.25 (134)	5.9 (150)
ID in (mm)	0.71 (18)	1.3 (33)	1.5 (38)	1.875 (48)
Sensors	Internal Temperature & Pressure, Load & Torque	Temperature, Pressure, Load & Torque	Temperature, Pressure, Load, Torque & Speed	Temperature, Pressure, Load, Torque & Speed
Make up length In (mm)	40.2 (1021)	56 (1423)	84 (2134)	77.5 (1969)
Max operating temperature °C (°F)	150 (302)	150 (302)	150 (302)	150 (302)
Min operating temperature °C (°F)	-20 – stored to -40 (-4 – stored to -40)	-20 – stored to -40 (-4 – stored to -40)	-0 – stored to -50 (32 – stored to -58)	-0 – stored to -50 (32 – stored to -58)
Max Working pressure psi (MPa)	10,000 (69)	15,000 (103.5)	10,000 (69)	10,000 (69)
Max tensile load lbf (N)	50,000 (222,411)	300,000 (1.33MN)	80,000 (355,858)	300,000 (1.33MN)
Max compression load lbf (N)	50,000 (222,411)	300,000 (1.33MN)	80,000 (355,858)	300,000 (1.33MN)
Max torque rating ft-lb (Nm)	1,500 (2034)	5,000 (6780)	8,000 (10,847)	30,000 (40,675)
Upper connection	2-3/8" PAC DSI Box	3-1/2" API IF Box	3-1/2" API IF Pin	Grant PrideCo XT38 Box
Lower connection	2-3/8" PAC DSI Pin	3-1/2" API IF Pin	3-1/2" API IF Box	Grant PrideCo XT38 Pin
Data Connection	USB 2.0 port	USB 2.0 port	USB 2.0 port	USB 2.0 port

Benefits

Everything you need – we offer the sensors, cables, connectors, a PC based user interface with AnTech's ACQLAIM™ Memory Tools software and all the kits you need to be operational. AnTech also offer an analysis and report service.

Simple operation – short length and customer specified connections helps rig up

Easy maintenances – uses electronic cartridge that can be changed with no requirement for electronic expertise.

Safety – set up and download can be done away from the rig floor.

Support – Offsite/onsite support and training schools available along with calibration services. AnTech offers help when and where you need it to get you operational as fast as possible.

Rental options available

Applications

- Fracing - pressure monitoring
- Drilling - all sensors applicable
- Setting Plugs - load
- Shifting sleeves - load
- Monitoring/Confirming expansions - all sensors applicable

