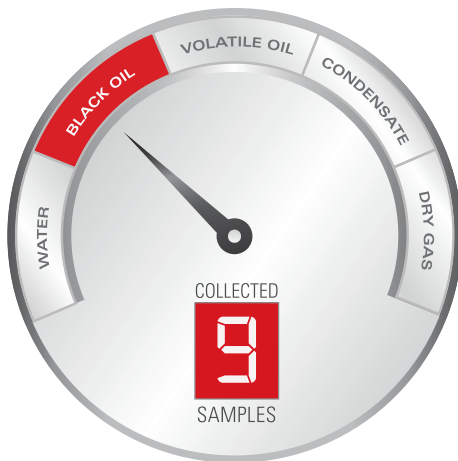


TRACE DynaGauge™

PROVIDES THE CAPABILITY TO HELP ENSURE SAMPLING OBJECTIVES ARE ACHIEVED

OVERVIEW

The TRACE DynaGauge™ is the industry's first tool that provides real-time knowledge that representative reservoir fluid samples have been collected while the samplers are still downhole. This innovative system is an add-on that is used in the tubing-conveyed Armada® 5 inch, 7 inch, and Agile Sampling Systems. The TRACE DynaGauge system is used in conjunction with the DynaLink® Telemetry System, enhancing real-time sampling and reservoir assessment. It integrates into the RezConnect™ Well Testing System for a complete wireless welltesting solution.

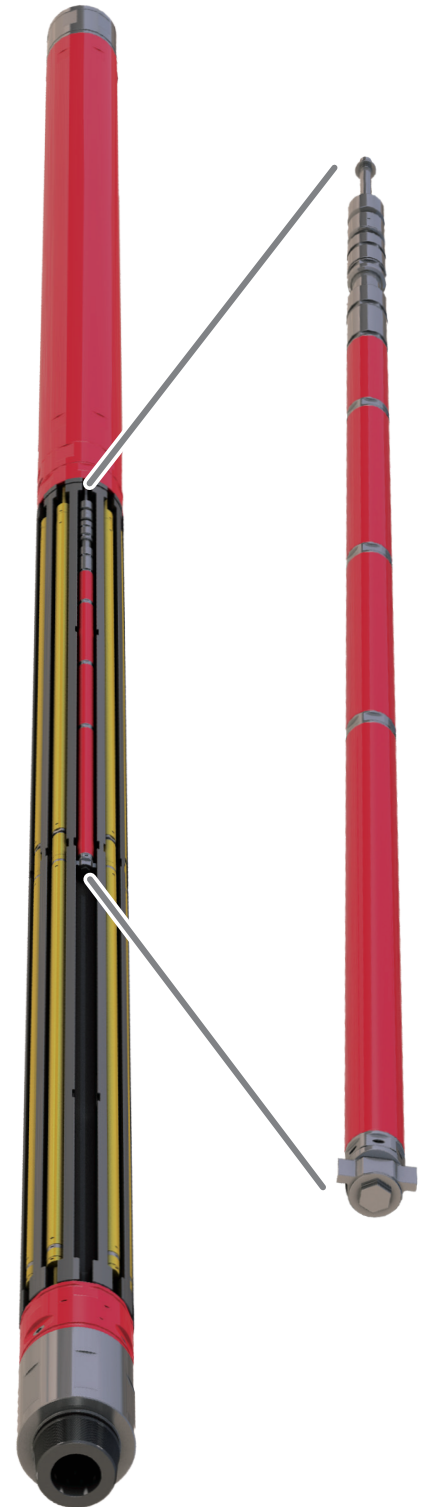


FEATURES

- » Continuously observes common nitrogen source of all samplers in the Armada Sampling System
- » Monitors sampler activation in real time
- » Records sample pressure until removed from carrier
- » Integrates into Armada tubing conveyed carriers

BENEFITS

- » Offers ability to confirm single phase condition of collected samples
- » Provides basic composition of collected sample in real time
- » Verifies number of samples collected
- » Provides insight for alternative sampling activities in real time
- » Provides complete pressure history of samplers during the recovery-to-surface phase of operation



TRACE DynaGauge™ integrates into existing Armada® Carrier systems

TRACE DynaGauge™ Technical Specifications

Working Pressure	20,000 psi (1379 bar)
Working Temperature	329°F (165°C)
Service	Sour Gas
Communication	Bi-Directional
Application	Armada® 5 inch, 7 inch, and Agile carriers
OD	1.027 in. (2.609 cm)
Makeup Length	74.5 in. (189.2 cm)
Battery Capacity	20 days
Monitoring Pressure	30,000 psi (2068 bar)
Memory Capacity	4 Mega datasets
Gauge Sensor	Crystal Quartz
Pressure Accuracy	< 6 psi
Pressure Resolution	< 0.01 psi

For more information, contact your local Halliburton representative or email us at welltesting@halliburton.com.

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

H011311 3/16 © 2016 Halliburton. All Rights Reserved.