1.25" Piezo & RTD

Application

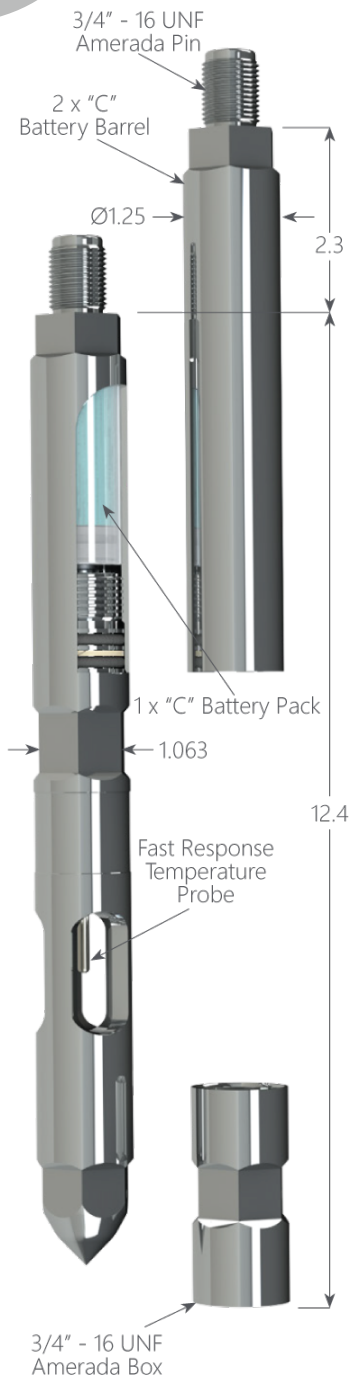
The downhole pressure gauge has a fast response external temperature sensor for looking at flow regimes in an oil and gas well. Temperature gradient surveys are an excellent method of identifying leaks. Pair this tool with our memory depth unit to generate an LAS file. Identify leaks and monitor gaslift performance.

Benefits

The fast response external temperature probe is a key measurement device for leak detection. Thermal gradients are identified. The tool also has a piezoresistive pressure sensor and we can merge the data with our memory depth box, cut passes and create an LAS report.

Features

- Fast Response Temperature Probe (RTD)
- Welded Pressure Sensor
- Shock Mounted Electronics
- 10 Samples/Second Standard
- 750,000 Sample Capacity
- Inconel 718 – NACE MR0175



1.25" Welded Piezo with RTD - Inconel 718

Pressure	Temperature	Part No.
750 psi	0°C to 100°C	103129
1,500 psi	0°C to 120°C	104195
3,000 psi	0°C to 150°C	104196
6,000 psi		104197
10,000 psi	0°C to 177°C	104198
15,000 psi		104199
20,000 psi		104200

Accessories

Accessory Type	Part No.
Bullnose SS316	101238
Crossover 0.75-16 UNF SS17-4	101239
Battery Barrel 1 X "C" Inconel 718	100485
Battery Barrel 2 X "C" Inconel 718	100486
Pelican Case Assembly	103467
USB Download Cable	100682
Redress Kit Viton 90	100911
Redress Kit Aflas 7182B	101002
Redress Kit Chemraz 510	101003
Battery Tester	110944

Compatible Batteries

Size	Max Temp	Part No.
C	150°C	100671
	165°C	100499
	180°C	100500
1 x CC	150°C	101010
	165°C	100989
	180°C	100814

Specifications

	Pressure	Temperature
Accuracy Up To	0.03 % F.S.	0.25°C
Resolution	0.0003% F.S.	0.005°C
Drift	< 3 psi/year	< 0.1°C/year
Capacity	750,000 Samples	
Communication Method	USB	