

10W

Dual Piezo with Vibration

Application

PCP monitoring with DataCan's Dual Piezo Pressure Tool delivers pressure, and temperature readings for both the pump discharge (tubing sensing) and intake (annulus sensing).

Benefits

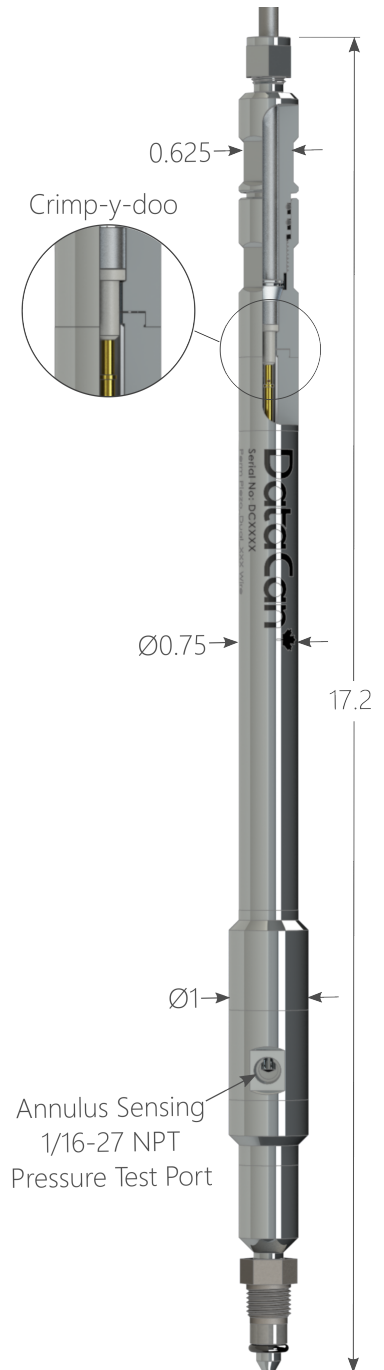
The Dual Piezo Pressure Tool with Vibration is easy to install and produces high quality reservoir data in real time. It's fully welded construction, dual protection metal to metal seal design, and hermetically sealed electronics make it a very reliable product. Since this tool can simultaneously measure both tubing and annulus pressure, it helps reduce the cost of the permanent system while increasing reliability.

This tool also has an onboard vibration sensor, monitoring peak vibration experienced by the tool electronics between samples. Insight into the vibration experienced by the gauge empowers the operator to change flow conditions, extending tool life expectancy.

The Crimp-y-doo, at the heart of DataCan's new gauge design, ensures correct wire prep and prevents the TEC conductor from pulling up into the armor. If you find yourself assembling a gauge without a crimp-y-doo, you just better crimp-y-don't!

Features

- High Accuracy and Resolution – Reservoir Data
- Fully Welded Construction – No O-Rings
- Hermetically Sealed
- Dual Protection Metal to Metal Seal Design
- Corrosion Resistant NACE MR0175
- 1 Second Sampling



Dual Piezo Pressure Tool with Vibration- Standard

| Pressure | Temperature | Part No. | | | |
|------------|-------------|-----------|---------|----------|---------|
| | | 1/4" Wire | | 4mm Wire | |
| | | SS | Inconel | SS | Inconel |
| 1,500 psi | 125°C | 114858 | 114881 | 114863 | 114886 |
| 3,000 psi | | 114859 | 114882 | 114864 | 114887 |
| 6,000 psi | | 114860 | 114883 | 114865 | 114888 |
| 10,000 psi | | 114861 | 114884 | 114866 | 114889 |
| 15,000 psi | | 114862 | 114885 | 114867 | 114890 |

Accessories

| Accessory Type | Part No. | |
|-------------------|-----------|----------|
| | 1/4" Wire | 4mm Wire |
| Redress Kit Sweet | 112756 | 112760 |
| Redress Kit Sour | 112757 | 112761 |

Specifications

| | Pressure | Temperature |
|----------------------------|----------------|----------------|
| Accuracy Up To | 0.03% F.S. | 0.5°C |
| Resolution | 0.0003% F.S. | 0.005°C |
| Drift | < 3 psi / year | < 0.1°C / year |
| Vibration Range | ± 16 g | |
| Vibration Sample Frequency | 200 Hz | |

Manuals

[Permanent Downhole Gauge - User Manual](#)