Perforating Pressure Gauge

A-One Oil Perforating Pressure Gauge is mainly used for external pressure testing during the perforation process. It is placed in a support cylinder and protected by shock absorption measures. The support cylinder is connected to the front end of the perforation gun when it is lowered into the well.

It has the function of setting the perforation explosion threshold, which can set the interval and time of high-speed sampling, accurately and completely record the changes of the wellbore pressure wave during the perforation process, used to determine whether perforation has occurred and evaluate the perforation effect. At the same time, it records the original formation pressure for evaluating the reservoir reserves.



Features

- High-precision Measurement
- The accuracy of pressure measurement data
- Precision and convenience and practicality
- It can safely store a large amount of data.

Applications

- **Perforating Pressure Gauge** is mainly used for external pressure testing during the perforation process.
- **Horizontal Well Perforating**
  Horizontal well perforation is usually more complex. Pressure gauges help optimize perforation parameters to ensure uniform perforation along the length of the wellbore.
- **Perforation of High-Pressure Gas Wells**
  Under high-pressure conditions, the pressure of perforation changes sharply, and the pressure gauge is an indispensable monitoring tool

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Perforating Pressure Gauge

Technical Parameters

General Spec	
OD	38mm
Length	585mm
Temperature Range	-30℃ ~ +175℃
Temperature Measurement Accuracy	±0.5℃
Maximum working pressure	120 MPa
Pressure measurement range	0 ~ 120MPa
Pressure measurement accuracy	0.1%
Zero Drift	0.1%
Zero Offset	0.1%
Temperature Excursion	0.1%
Thermal Sensitivity Shift	0.1%
Sensitivity Threshold	0.05%
Maximum Storage Points	1000 million groups
Maximum Sampling Interval	24hours
Minimum Sampling Interval	10μs
Working Current	35mA
Quiescent Current	8mA
Battery Voltage	3.9V
Battery Capacity	10AH
Tray External Dimensions	ϕ72*855mm
Connecting thread at the top end of the tray	2-7/8”TBG Tubing Coupling (internal thread)

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