

# Renegaug

Downhole Pressure / Temperature Gauge+



Renegaug

## ⊗ Specifications ⊗

- 125 °C (250 °F) Operation
- Crush-pressure > 15,000 psi
- 1.25 inch (31.75 mm) diameter
- 18 inches (45 cm) long
- Weight 3lbs (1.4 kg)
- Stainless Steel 17-4 PH H1150
- E-beam Welded Ends
- Full System Calibration over Temperature
- 24-bit resolution
- 0.1% Pressure Accuracy (F.S.)
- 0.1% Pressure Repeatability
- Pressure Drift < 0.07%/year
- 0.5 °C temperature accuracy

## ⊗ Pressure Ranges ⊗

- 0-2,500 psi
- 0-5,000 psi
- Ask for other custom ranges

## Renegaug Downhole Gauge

The Renegaug was designed to overcome communication problems caused by *anyone's* pump noise. The gauge is equipped with several types of protocols, transmission signal strength settings, and advanced data packet protection methods borrowed from the space and satellite communications industry.

Once installed in a well, the gauge is made to use the *right* communication settings by the surface system. Did the pump manufacturer's noise signature change from the last well? No problem! The noise is analyzed and the gauge is told to change communication parameters accordingly.

The pressure transducer selected for the Renegaug was specifically designed for downhole use by the Manufacturer. Its star performance specification lies in the extremely low drift over time (less than 0.07% per year F.S.).

## Vibration Sensor

As standard equipment, the Renegaug has a built-in 2-axis vibration sensor that the Surface System can poll and store data from. Under certain conditions this data can be used to monitor vibration changes over time caused by a wearing pump.

## Optional External Temperature Sensor

The Renegaug can be ordered with support for an additional external RTD temperature sensor that is ideal for attaching to a pump below. The sensor and measuring electronics are of the same specifications as the internal sensor. The surface system can be configured to poll and store this information at regular intervals to allow monitoring of pump temperature trends.

Have a special application?

Call today!

