Compact gas guns power up fluid level testing

- Rated 1,500 psi or 3,000 psi with Quick-Connect liquid filled gauges
- Stainless steel components stand up to tough well conditions
- Rugged 3/8” push rod acts as the gun’s Load/Fire trigger; shoot with heel of hand
- 200 psi gauge included for quick check of casing pressure before the fluid shot
- Stab-in pressure gauges rotate for ease of viewing
- Charge the gun with compressed gas, fire a gas shot down the well, and the gun’s internal microphone registers the returning echoes, converts them to an electrical pulse, and delivers the signal to the Acoustic Fluid Logger III, Acoustic Fluid Logger IV, or Acoustic Fluid Logger IV with Dynamometer

Pressure Pulse specifications

<table>
<thead>
<tr>
<th>Pressure Pulse Gas Gun 1,500 psi (at left)</th>
<th>Pressure Pulse Gas Gun 3,000 psi (at right)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure rating</td>
<td>Pressure rating:</td>
</tr>
<tr>
<td>• 1,500 psi/10,342 kPa standard pressure</td>
<td>• 3,000 psi/20,685 kPa high pressure</td>
</tr>
<tr>
<td>Thread size</td>
<td>Thread size:</td>
</tr>
<tr>
<td>• 1,500 psi - 2” line pipe</td>
<td>• 3,000 psi - 2 7/8” EUE / 2 1/2” line pipe</td>
</tr>
<tr>
<td>Weight:</td>
<td>Weight:</td>
</tr>
<tr>
<td>• 1,500 psi - 10 lbs. (4.5 kgs)</td>
<td>• 3,000 psi - 13 lbs. (5.9 kgs)</td>
</tr>
</tbody>
</table>

Above: Square Root of fluid level Amplitude Plot recorded with Acoustic Fluid Logger III. Right: Fluid level shot recorded with Acoustic Fluid Logger IV and Sage AFL software.

Sensitive internal microphone finds collars and fluid in a wellbore

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Pressure Pulse Gas Guns

Besides operating on compressed CO², the Pressure Pulse Gas Guns can also operate:

- In implosion mode, which uses well gas for shots on wells with more than 50 psi pressure.
- On N², with optional nitrogen connectors., which allows operation in cold conditions.
- With pipe adapters to allow connection to any size wellbore.
- With the Sage Pressure Transducer, which replaces the gauge to record a pressure buildup and determine gas afterflow before shooting a fluid level with the AFL IV or AFL IV with Dynamometer.

### 1,500 psi Pressure Pulse Gas Gun

**Components:**
- Pressure Pulse Gas Gun, internal microphone, 2.5 lb. CO² bottle, charge hose, maintenance and wellhead tools, 1,500 psi gauge, 200 psi gauge for checking surface casing pressure, O-ring kit, carrying case

### 3,000 psi Pressure Pulse Gas Gun

**Components:**
- Pressure Pulse Gas Gun, internal microphone, 2.5 lb. CO² bottle, charge hose, maintenance and wellhead tools, 3,000 psi gauge, 200 psi gauge for checking surface casing pressure, O-ring kit, carrying case

### Additional Gas Gun Options

Besides operating on compressed CO², the Pressure Pulse Gas Guns can also operate:

- In implosion mode, which uses well gas for shots on wells with more than 50 psi pressure.
- On N², with optional nitrogen connectors., which allows operation in cold conditions.
- With pipe adapters to allow connection to any size wellbore.
- With the Sage Pressure Transducer, which replaces the gauge to record a pressure buildup and determine gas afterflow before shooting a fluid level with the AFL IV or AFL IV with Dynamometer.

Sage Pressure Transducer connects to the top of the Pressure Pulse Gas Gun before the fluid level test, to record casing pressure build-up.

**Find fluid levels deep or shallow, high or low pressure**

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