Downhole Camera Systems

Expro’s range of downhole camera systems offer operators a cost effective way to ‘see’ downhole problems rather than inferring them or guessing. Expro’s downhole video is a proven technology and over 5,000 downhole video surveys have been run in a wide range of oil and gas well conditions.

Patented lens surfactant repels oil, allowing surveys in flowing oil wells. When combined with the patented lighthead design, Expro’s downhole video cameras provide superior picture quality and transmission rates.

Fibre Optic video system
- View fluid entries
- Detailed surveys of fractures and corrosion

Gas entry in 5 1/2” csg

HawkEye III e-line Camera
- View images while logging
- Updated every second

Methanol injection line clamp

Collapsed sheath in 4 1/2” csg

High Temp e-line Camera
- 350° F (177°C)
- Updated every second

Slickline Memory Camera
- Operates on conventional slickline cable
- Battery powered, timer activated

Upside down flapper valve
**System Specifications:**

<table>
<thead>
<tr>
<th>Description</th>
<th>Fibre Optic Video system</th>
<th>Low Temp HawkEye</th>
<th>High Temp HawkEye</th>
<th>Slickline Camera</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tool O.D.</td>
<td>1 1/16&quot; (43 mm)</td>
<td>1 1/16&quot; (43 mm)</td>
<td>2 1/8&quot; (54 mm)</td>
<td>1 1/16&quot; (43 mm)</td>
</tr>
<tr>
<td>Max. Temp</td>
<td>257°F (125°C)</td>
<td>257°F (125°C)</td>
<td>350°F (177°C)</td>
<td>225°F (107°C)</td>
</tr>
<tr>
<td>Max. Pressure</td>
<td>10,000 psi (69 MPa)</td>
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<td>10,000 psi (69 MPa)</td>
</tr>
<tr>
<td>Tool Length</td>
<td>102&quot; (2.59 m)</td>
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<td>140&quot; (3.56 m)</td>
<td>161&quot; (4.09 m)</td>
</tr>
<tr>
<td>Tool Weight</td>
<td>31 lbs (14 kg)</td>
<td>31 lbs (14 kg)</td>
<td>65 lbs (29 kg)</td>
<td>58 lbs (26 kg)</td>
</tr>
</tbody>
</table>

In some locations, Expro’s downhole video can provide a fibre optic logging truck or trailer along with mast trailer and grease injection pressure equipment.

**Easy to transport**

All of the equipment can be easily transported to location. Secure, water-tight containers protect the equipment in transit.

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