



SPECTRAL NOISE MONITORING

# IMPRESSIVE LEAK DETECTION

Characteristic	Description
<b>Measurement Principle</b>	Highly sensitive acoustic sensor
<b>Dimensions</b>	1.26" (32 mm)
<b>Ratings</b>	150deg C, 15,000 PSI
<b>Measurements</b>	Spectral Noise, High Resolution Temperature and Casing Collar Locator sensors
<b>Conveyance</b>	Wireline & Slickline
<b>Acquisitions</b>	Memory Mode
<b>Application</b>	<ol style="list-style-type: none"> <li>1. Leak Detection (tubing/casing/packer leaks)</li> <li>2. Diagnosis of Sustained Casing Pressure</li> <li>3. Location of open perforations</li> <li>4. Identification of flow zones behind pipe</li> <li>5. Identification of channelling behind pipe</li> </ol>



ACOUSTIC SENSOR	
Dynamic Range	90dB
Operating Frequency Range	8Hz to 120,000Hz
Operating Mode	Stationary
Number of Spectral Channel	1024 (512 + 512)
General	
Length	1.64ft (0.5m)
Weight	3.10lbs (1.4Kg)
Memory	
Capacity	2GB
Sampling	0.5 to 255sec