GAS WELLS CONTINUOUS SPINNER FLOWMETER

Gas Wells Continuous Spinner Flowmeter (GWCSF) is designed to measure a wide range of the flowrates in gas wells. The tool is available in memory as well as SRO modes.

Applications

- Accurate fluid flow measurement in small diameters from 2 $^{7}/_{8}$ to 5 $^{1}/_{2}$" casings at high velocity
- Detailed gas production profiling
- Leak detection
- Perforations/SSDs/frac ports performance evaluation

Advantages

- Twelve blades impeller
- Sensitive to high flow velocity

Tool Specifications	
Maximum detectable flowrate	5 MMm^3/d (gas)
Maximum detectable fluid velocity	2,637 m/min (200 rps)
Maximum operating pressure	14,500 PSI (100 MPa)
Maximum operating temperature	152°C (306°F)
Tool OD	1.65 in (42 mm)
Impeller type	12 blades, titanium
Impeller diameter	1.5/2.4in (38/60 mm)
Tool length	2.0 ft (0.6 m)
Tool weight	7.7 lbs (3.5 kg)
Connections	15/16 SR
Operational time in memory mode	Over 100 hrs
H_2S resistance	6% standard (25% optional)
Surface read-out / Memory	Both

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