

FSMT - LOGGING TOOL Series Fullbore Spinner flowmeter sonde



Descripción

This tool (FSMT) is used to obtain downhole flow rates in casings both in producer and injector wells. Combined with our software it can generate log curves or production profiles with proper software.

This tool can be used to monitor plug leaks too.

FSMT has a foldable spinner that can pass through tubing and restrictions and opens inside casing to spin as fluid moves relative to tool.

It's available from 4.5" to 10" casing size.

Velocities of fluid readings include direction and are high resolution and sensitivity.

Useful even at very low flow rates (Fluid velocities of 1 m/min. inside liquids or 2 m/min. in gases) best accuracy is obtained with multiple up and down passes at different speeds technique.

Technical Specifications		Mechanical Specifications	
Range	+/- 250 Rev / Sec	Diameter	43 mm (1-11/16") cerrada. 38.1mm (1-1/2")
Resolution	0.1 RPS (10 pulses / rev)	Lenght	700 mm (27-1/2")
Max. well temp.	150°C	H2S Resistant	SI
Max working pressure	1000 bar / 14Kpsi	Casing ranges	4-1/2" 5" - 5-1/2" 7" - 9-5/8"



SCST LOGGING TOOL Series Electronic spinner section

Description:

This module uses five frictionless Hall Effect sensors to read spinner direction and speed in high resolution coming either from a fullbore (FSMT) or a caged spinner mechanical section (CSMT).

It can be run with a telemetry cartridge (TCST) or with a battery memory module (BMST) for slickline memory mode.

Technical Specifications		Mechanical Specifications	
Range	+/- 250 Rev / Sec	Diámetro	43 mm (1-11/16") 38.1mm (1-1/2")
Resolution	0.1 RPS (10 pulses / rev)	Largo	350 mm (21-1/2")
Min. Flowrate	see CSMT and FSMT	Resistente H2S	SI (17-4PH)
Sampling rate	15 Samples/Sec.	Comunicación	Telemetría/Memoria
Max. working Temp.	150°C	Software de Adquisición	WSS o MemLog PLT (Windows XP/7/10)
Max. working press.	1000 bar / 15Kpsi		