

Motorized Ejector Tool

Determines flow conditions and profiles, fluid flow, and fluid-injection and production rates

Applications

- Injection profiling for the areas of interest
- Determining crossflows between different zones
- Behind-tubing flow (selective injection)
- Behind-casing flow (channeling)
- Mechanical diagnostics in the well

Features and Benefits

- Trace injections:
 - fluid-flow tracking to determine flow behavior
 - concentration analysis enables mechanical-issues detection and diagnosis, such as casing leaks or tubing integrity problems
- Service combinable with two gamma-ray tools for increased range of configurations to measure fluid flow
- Slim version small-tubing applications
- Titanium version available for hostile environments
- Warrior compatible

Tool Description

The Weatherford motorized ejector tool is typically used with gamma ray and casing-collar locator (CCL) to determine flow conditions, flow profiles, fluid flow, fluid injection and production rates.

The tool discharges a short half-life radioactive iodine fluid into the wellbore. Information from the gamma-ray tool in the string can also be used to assist in the location of leakage in pipes, across packers and fluid movement behind production strings.



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Specifications

Ratings and Dimensions

Maximum temperature	350°F (177°C)
Maximum pressure	20,000 psi (138 MPa)
Outside diameter	1.38 in. (35.1 mm)
Length	26.5 ft (67.31 m)
Weight	8 lb (3.64 kg)
Materials	Standard or titanium available
Volume	30 cc

Borehole Conditions

Borehole Fluids	OBM and WBM
Tool Positioning	Centralized and eccentricized

Hardware Characteristics

Connections	Top: 1 3/16-in. 12-pin, type-A GO box Bottom: 1 3/16-in. 12 pin (without electrical feed-through) 1 3/16-in. 12P type-A GO pin (with feed-thru)
Combinability	Temperature, casing-collar locator, gamma ray

Electrical

Voltage	100 V DC
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