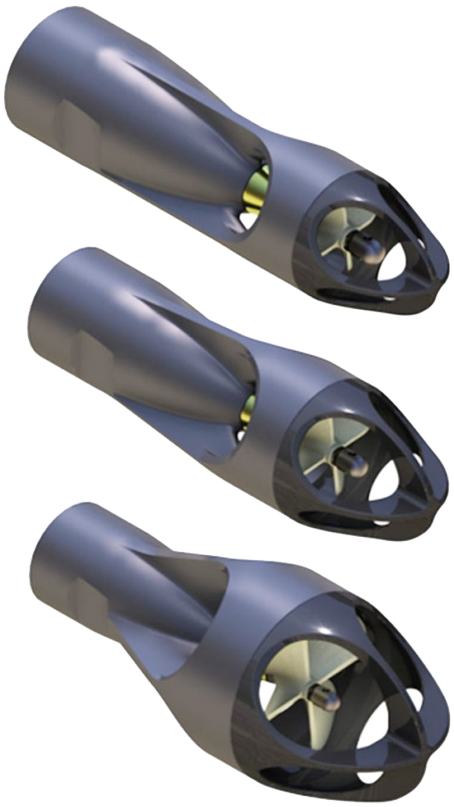
FIXED CAGE
FLOW METER

Fixed Cage Flow meter

The fixed-cage spinner with mechanical impeller is run in combination with he 1-11/16" combined capacitance, flow and temperature tool (CFT) which combines the flowmeter sensor electronics with a fast-response temperature tool and fluid capacitance measurement for fluid identification. The tools are run at the bottom of the string and the size is selected depending on the minimum restriction in the completion. The impellor assembly is well protected minimizing the likelihood of damage while running in hole.



Applications & Features

- Combinable with flow and temperature tool
- Centerline flow measurement at bottom of tool string
- Variable size options for compatibility with minimum wellbore restriction
- Ideal for leak detection in combination with CFT

SPECIFICATIONS	
Temperature Rating*	177°C / 350°F
Pressure Rating	1,040bar / 15,000psi
Diameter	43mm (1.69") / 54mm (2.13") / 80mm (3.15")
Length	165mm (6.5") / 175mm (6.9") / 191mm (7.5")
Weight	0.65kg (1.4lbs) / 0.73kg (1.6lbs) / 1kg (2.2lbs)
Output	10 pulses per revolution
Threshold	<1.5m/min. (5ft/min.)
Range	Better than 1,500 ft/min.
Maximum RPS	200 rps - 4,000 ft/min. (Measured by CFT)
Materials	Corrosion Resistant througout