



PRODUCT DESCRIPTION

Tool#: 9711		Part#: 301000	
ToolName:		Impeller Flowmeter Tool	
Tool Description:		Continuous velocity flowmeter logs are used to measure the fluid flow rates in open and cased wells. Logs can be run in the up or down direction; with or without the well producing water. Century's Impeller flowmeter uses a magnetic coupling between the sensing device and the electronics so that borehole fluids cannot enter the tool and injected oil is no longer necessary. Internally, a 256-pulse-per-revolution optical encoder records the impeller turns minimizing statistical problems of other tools. With this low friction design low flow rates of less than 0.8 liters per second (3 gallons per minute). The tool is configured with a 114 mm (4.5 in.) shroud. 89 mm (3.5 in.) shroud is also available. Natural Gamma is optional	
Tool Specifications		Illustration	
Length:	154.4 cm (60.0 in.)	9711Impeller Flowmeter Tool 0.0 Natural Gamma 14.63 cm (5.76") (Optional) 152.4 cm (60") Overall Length Flow Propeller 134.6cm(53") Propeller Guard Cage Tool od is 41mm (1.625") and Weight in air is 7.46 Kg (20lb.) (Drawing Not to Scale)	
Diameter:	41 mm (1.625 in.)		
Weight:	7.46 kg (20 lb.)		
Temperature:	85 C (185 F)		
Pressure:	281 kg/cm2 (4000 PSI)		
Voltage Required:	36 vdc		
Logging Speed:	9 m/min. (30 ft./min.)		
Sensors			
1. Natural Gamma:(optional) 2.2 x 10.16 cm (0.875 x 4.0 in.) NaI Scintillation			
2. Flow Propeller: Offset: 134.6 cm (53 in.)			
3. Propeller Guard Cage			