

## Acoustic Flow Meter Tool



Acoustic Flow Meter Tool – AFM is a high temperature downhole tool designed to measure fluid velocity and fluid density in an oilfield production operation incorporating an ultrasonic device. AFM includes continuous temperature measurement for logging and correlation purposes. Memory and SRO operations are included. AFM incorporates high precision electronics and measures accurately flow in a wide range of fluid velocity. The AFM connects to our Fast Hybrid Telemetry Tool (FHT) for Real Time Data Transmission.

General Specs	AFMT
Temperature Rating	177 deg C / 350 deg F
Pressure rate	103.4 MPa / 15,000 psi
Dimensions	Diameter 1-11/16" (43mm) O.D. Lenght 14 - 76 inch (*)
Connectivity	Go Connectors
Tool Head Voltage	48 VDC
Internal Memory	32 Gbyte capacity - Up to 60 day continous record.
Real Time Data Transmission	Connected to FHT, data rate up to 400 Kbps.
Measurements	Temperature, Fluid Velocity, Fluid Identification.
Fluid Velocity Range	*4 ft/min - 5000 ft/min ( Casing 5": 100BPD - 129000BPD)
Circuitry Protection	Under - Over Voltage Protection / Over Current Protection
Real Time Clock Autonomy	Up to 1.33 hrs

\* with longer tool can be measured flows of 0.5 ft/min



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