

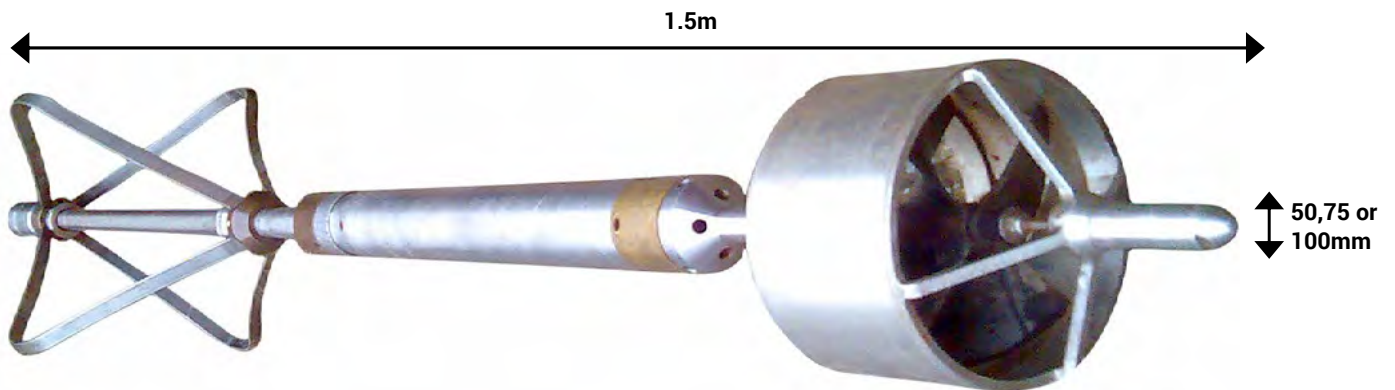


IMPELLER FLOWMETER TOOL

This tool is used to determine vertical fluid velocity within a borehole and identify areas of inflow or outflow. The tool is normally run at a constant logging speed both up and down the borehole.

The data is corrected for logging speed and a fluid velocity (FV) log is produced.

Flow (Q) in l/s may then be derived from the fluid velocity (FV) and caliper (borehole diameter) data.



Specifications

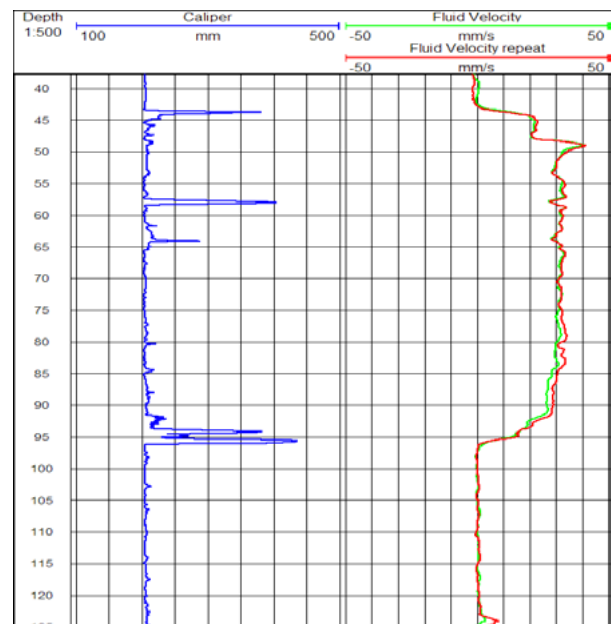
Size:	0.6m x 50,75 or 100mm
Weight:	5kg
Velocity range:	10mm/s +
Max. temperature:	80°C
Max. pressure:	20MPa

Borehole Conditions

Minimum diameter 60mm
Water filled
Unlined, steel or plastic screened

Logging Conditions

4 - 15 m/min



Impeller flowmeter log showing vertical water movement between two fissures