

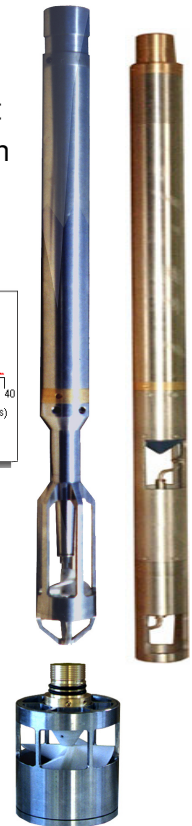
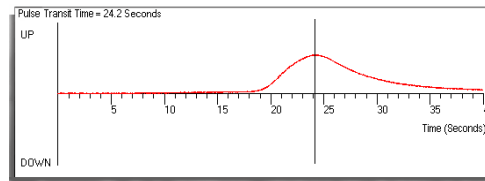
Flowmeter Sondes

The Geovista flowmeter probes can be used on their own, in combination with other Geovista sondes.

* **Impeller Flowmeter:** Different size impeller cages can be interchanged to suit different pipe or borehole diameters. An adapter is available to run this sonde in series with a Temperature & Conductivity sonde. The combinability with a Temperature & Conductivity sonde is particularly useful during pumping tests.

* **Heat-Pulse Flowmeter:**

This sonde is used to measure flow rates that are below the threshold of the impeller flowmeter.



Specifications:

Impeller Flowmeter	
Weight / length:	3.5 kg / 0.48 m
Cage Diameter :	Optional interchangeable impeller cage sizes to order (Ø 50, 75 and 100 mm)
Threshold Velocity:	Varies with cage size.
Resolution:	1/40th turn
Data output:	Flow, direction
Max. Press./ Temp.:	20MPa / 80°C

Heat-Pulse Flowmeter	
Weight / length:	6.2 kg / 0.9 m
Sonde Ø:	51 mm
Measure Range:	0.1 to 3 m/min
Resolution:	0.1 s
Data output:	Time, Direction
Max. Press./ Temp.:	20MPa / 80°C

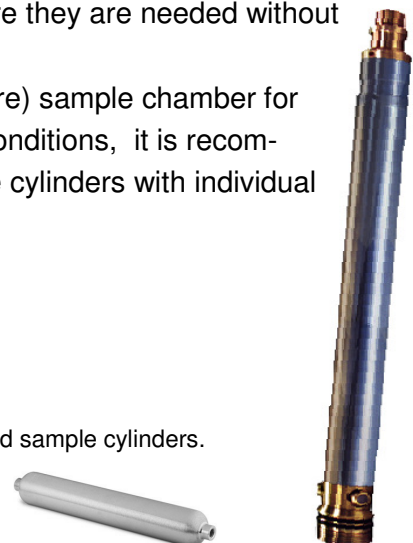
Addressable Fluid Sampler

The Geovista Fluid Sampler sonde is capable of retrieving samples from boreholes, using a combination of motorised and manual valves. The sonde can be run alone or in combination with other Geovista sondes like for example a Gamma Ray, CCL and Temperature & Conductivity sondes so that samples are taken exactly where they are needed without additional logging runs.

The sonde is normally supplied with a 1 litre (or optionally 2 litre) sample chamber for general sampling. For sample preservation under downhole conditions, it is recommended to use a system of removable smaller volume sample cylinders with individual valves, typically 300 cc each.

Specifications:

Weight :	3.0 kg	0.45 m
Length :	0.45 m (Without sample chamber)	
Diameter:	44 mm	
Sample Volume:	1 litre or 2 Litre (Main chamber), or as per selected sample cylinders.	
Max. Press. :	10MPa	Max. Temp. : 80°C



Geovista reserve the right to change the products' list and specifications without prior notice