

INERTIAL SAMPLING PUMP

What it is..

Pulse-Flo is an inertial type pump consisting of a non return foot valve and tubing assembly which is oscillated manually vertically over a short distance.

How it works..

The pulsing oscillation action rapidly displaces the water within the bottom non return valve and pushes the column of water up the discharge pipe to the surface where it is collected for sampling.

It is a proven low cost, high performance system for developing, purging and sampling of monitoring wells ideally suited to 2" groundwater monitoring wells.

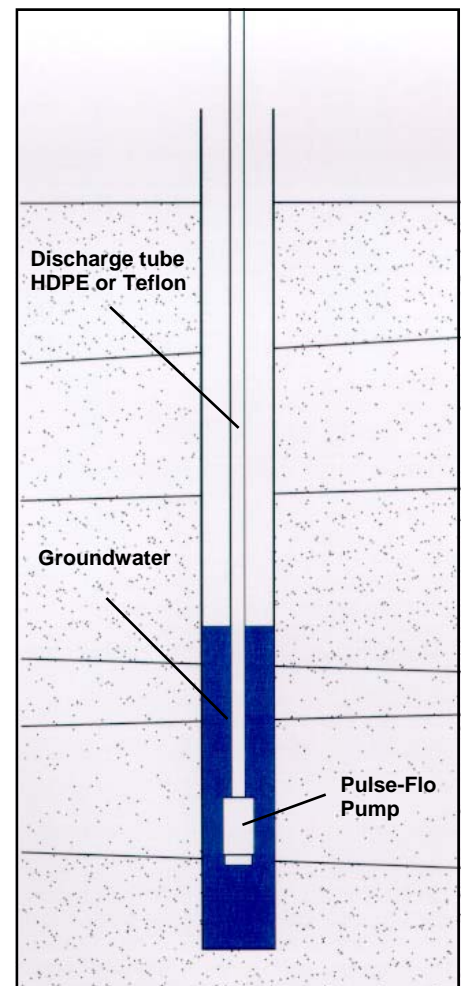
FEATURES

- ◆ Low cost
- ◆ Manually powered
- ◆ Highly reliable
- ◆ Light and easy to use
- ◆ Flow rates up to 15 litres per minute
- ◆ Lift capability up to 45 metres
- ◆ Easily cleaned
- ◆ Can be installed as a portable or dedicated system
- ◆ Suitable for wells down to 19 mm internal diameter
- ◆ HDPE, Teflon and Stainless steel options available

BENEFITS

- Provides the lowest cost system available
- Simple and easy to use
- Does not use electricity
- Inert materials provide high sample quality
- Dedicated system avoids cross contamination
- Portable system can be quickly cleaned in the field

Oscillation movement operates pump



Quality products for a quality environment

INERTIAL PUMP SPECIFICATION

Model	Outside Diameter (mm)	Maximum Depth (m)	Sustainable Flow Lit/min	Maximum Flow Lit/min	Discharge Pipe size (mm)
PF-35	35	20	5-10	15	25 x 21
PF-25	25	30	2-5	10	16 x 13
PF-15	15	50	1	2	12 x 10



ACCESSORIES

- ◆ Well development surge blocks
- ◆ HDPE discharge tubing
- ◆ Teflon® discharge tubing
- ◆ Discharge tubing connectors
- ◆ 750 cm² & 20 cm² - 0,45µm particulate filters
- ◆ Wellheads

Quality products for a quality environment