



Key Features

- Pump housing made of stainless steel to prevent contamination of the sample
- Maximum lift 90 metres of water
- Supplied with cable and tubing in 30, 60, or 90 metres
- Speed (flow) regulated
- Pump is protected against overload
- Converter for either 110 or 240 Volts, single phase to three phase
- Can be fitted with PTFE or LDPE tubing
- Operated from mains or 110 or 240 Volt power generator
- Field replaceable impellers
- 46mm diameter
- Resistant against corrosive fluids

Tubing	Length
PTFE	30 m
PTFE	60 m
PTFE	90 m
LDPE	30 m
LDPE	60 m
LDPE	90 m

The MP 1 / Redi-Flo2 submersible pump is specially designed for purging and sampling of monitoring wells. Originally designed by Grundfos, Royal Eijkelpump is now exclusive manufacturer of this unique groundwater pump.

It's the only pump in the world which can lift water up to 90 m within a well as small as 50 mm in diameter!

The pump motor is controlled by an adjustable frequency converter. Thanks to the variable setting of the frequency, the capacity of the pump can be adjusted from 0 to 2m³ /hour. This results in a steady flow of anaerobic water.

The high capacity of this pump allows for quick purging of the measuring point; but setting it at a low flow rate the same pump can be used for sampling.

Applications

- Anaerobe sampling
- Purging and sampling of monitoring wells
- Recharge tests
- Pumping tests
- Groundwater research
- Aquifer research

Set contains

- Submersible pump MP 1
- Cooling jacket
- Frequency converter
- Tube option of choice
- Cables
- Hose reel cart
- Service kit



Specification	
Pump capacity	0 to 2m ³ /hour
Power input	1.3kW
Full load rating	0.5 HP/220V/3 PH/400 Hz/5.5A
Voltage	3 x 220 V 400 Hz
Maximum current (SFA)	5.5 A
Motor protection	Built-in thermal switch
Current overload	Incorporated into MP 1 frequency converter
Water temperature	0 °C to +35 °C
Motor lubricating fluid	Deionized (DI) water
Discharge port	Rp 3/4
Continuous operation	500 hours
Dimensions (pump & motor)	28.7cm L x 4.6cm D
Net weight (pump & motor)	2.5 kg excluding motor lead
Package size	120 x 80 x 100 cm

