



Hydropulse – Water Meter Dosing Unit Info Sheet – Chlorine NPB Pump Head

The OWM Hydropulse dosing unit range is designed to meter precise amounts of Sodium Hypochlorite from a 5 to 25 litre drum housed in the integral bund to a given injection point by means of electronically operated metering pump. The chemical metering pump model fitted to the injection units are Prominent (model dependant on site requirements, flow etc). these units are specially designed to allow an automated batch injection treatment by utilising an inline water meter installed on the potable water line whether it be a water maker produced water line, transfer line or bunker pipework. The pump and chemical drum are installed on a Perspex banded stand complete with all valves piping for safe and proper operation.

Pump

Manufacturer	Prominent - NPB pump head
Maximum flow rate	Up to 2 litres per hour/ site dependant.
Turn down ration	100 – 1
Maximum working pressure	16 bar
Wetted parts	PTFE
Power supply	230v 50/60hz

Water meter

Manufacturer	Woltmann
Maximum flow rate	Site dependant/ pipe sizing etc
Maximum working pressure	16 bar
Wetted Parts	Polyamide
Current output	Pulse
Pulse/ status output	Passive 30v DC/250ma
Pipework connection	Site dependant/ pipe sizing etc

Floor standing Banded pump stand

Cabinet size	400 wide x 400 deep x 1050mm high
Material	Moulded perspex
Colour	Blue



Integral bund

25 litre capacity



Included with standard package:

1. Proportional dosing unit
2. Water meter
3. Injection valve
4. 30m x 6mm nylon injection pipe
5. Manual

Optional extra's available on request:

1. Injection lance
2. Suction lance with level control
3. External alarm signal output
4. External audible alarm
5. Mag flow meter
6. Pressure relief multifunction valve
7. Back pressure valve
8. PTFE injection pipe.

Lead time approximately 5 to 6 weeks from order if not in stock.