



Water Treatment

Non-Electric Water-Driven Dosing Pumps

Drinking Water | Wastewater Management

Chlorination For Rural Areas or Emergencies

The production of drinking water in rural areas or in emergencies requires reliable equipment that is suitable for sometimes extreme conditions (lack of electricity, local constraints).

Sludge Dewatering & Wastewater Flocculation

Traditional preparation of liquid polymer is carried out by means of integrated inline dosing systems based on an electric pump (peristaltic pump, membrane pump) which some time includes mixers and other options.

With the Dosatron Non Electric Proportional Dosing Pumps the technology is compact and efficient for accurate inline dosing & mixing, regardless water flow & pressure variations.

Dosatron Meets Your Needs

- Purification without electricity for rural communities or emergencies.
- Daily volume of water from 1 m³ to 300 m³.
- Flow rate of water from 1 m³/h to 100 m³/h.
- Pressure of water in the mains supply from 0.5 to 10 bar
- Preparation of liquid polymers.

Advantages

- Operates with water pressure - Non-Electric.
- Compatible with low gravitational pressure (reservoirs, hills, mountain springs)
- The precision is not dependent on the water pressure or the flow rate of the mains supply
- Easy dosage adjustment (in %)
- Easily repeatable injection rate
- Easy maintenance at the installation site
- Portability (Emergency Skids)
- Self-priming (even in the case of degassing)
- Non-Pulsating (Operates with, not counter to, the water pressure)
- Low operating and maintenance costs
- Self priming and efficient mixing
- Optimal water and polymer consumption
- Security : if the water flow stops, the polymer dosing stops automatically.



D25WL



Specifications	D25WL2IEPO	PU1D25WL2IEPO
Water Flow	10 - 2500 L/hr	
Operating Pressure	0.30 - 6 bar	
Dosage	0.2 - 2%	0.2 - 2%

D8WL



Specifications	D8WL3000	D8WL3000IE	D8WL2
Water Flow	500 - 8000 L/hr		
Operating Pressure	0.15 - 8 bar	0.35 - 8 bar	0.15 - 8 bar
Dosage	0.03 - 0.3%		0.2 - 2%

D3WL



Specifications	D3WL3000	D3WL3000IE	D3WL2
Water Flow	10 - 3000 L/hr		
Operating Pressure	0.30 - 6 bar	0.30 - 6 bar	
Dosage	0.2 - 2%	0.2 - 2%	

D20WL



Specifications	D20WL2
Water Flow	1000 - 20000 L/hr
Operating Pressure	0.12 - 10 bar
Dosage	0.2 - 2%