

POLYMORE®

Liquid Polymer Preparation
Simple. Accurate. Reliable.



Applications

- Sludge thickening
- Dewatering
- Flotation
- Settlement
- Clarification

Advantages with POLYMORE

- High quality
- Easy to use
- Quick-delivers ready to use polymer in minutes
- Minimal maintenance
- Small footprint - can wall mount
- Energy efficient
- Cost effective
- Easy to install and start-up
- Wide product range - 4ml/hour to 54l/hour polymer concentrate



duo 40-6,0



Injection Nozzle-Easy Access



Custom Solutions



Easy Installation and Start-up

Description of POLYMORE

- Complete in-line unit for dosing of liquid polymers.
- 3-zone mixing chamber for optimized wetting and dissolving of the polymer. The design prevents from over-mixing which could damage the undeveloped polymer chain.
- Peristaltic pump for dosing of the concentrated polymer gives accurate dosing and minimal need for maintenance.
- Incoming water pressure distributes the polymer solution through the unit to the dosing point.
- The valve system of the unit makes it possible to vary the dose whilst it compensates for variations in the water pressure.



midi 100-12



Unique Peristaltic Pump Design

A reliable unit for every application

Options

- Maturing tank with or without agitator
- Maturing tank with or without dosing pump
- Level control (of maturing tank)
- Pump monitoring (warns of no polymer concentrate)
- Rotational sensor (confirmation of polymer dosing)



POLYMORE mini with 500 litre tank and agitator.

Tank agitator with dosing pump for IBC-container

POLYMORE	Designed capacity	Polymer capacity	Dissolving water capacity
Model	(100% active polymer)	(Liquid product)	
micro 0,5	0,2 kg/hour	0,006-0,12 litre/hour	30 litre/hour
micro 1,3	0,35 kg/hour	0,038-0,75 litre/hour	78 litre/hour
micro 2,3	0,35 kg/hour	0,038-0,75 litre/hour	138 litre/hour
mini 2-0,08	0,04 kg/hour	0,004-0,08 litre/hour	36-120 litre/hour
mini 2-0,2	0,1 kg/hour	0,01-0,2 litre/hour	36-120 litre/hour
mini 3-0,6	0,3 kg/hour	0,03-0,6 litre/hour	48-180 litre/hour
mini 5-0,6	0,3 kg/hour	0,03-0,6 litre/hour	96-300 litre/hour
mini 5-1,2	0,6 kg/hour	0,06-1,2 litre/hour	96-300 litre/hour
mini 10-1,2	0,6 kg/hour	0,06-1,2 litre/hour	210-600 litre/hour
mini 10-2,4	1,2 kg/hour	0,12-2,4 litre/hour	210-600 litre/hour
mini 30-3,0	1,5 kg/hour	0,15-3,0 litre/hour	210-1800 litre/hour
duo 40-6,0	2,0 kg/hour	0,3-6 litre/hour	210-2400 litre/hour
duo 65-9,0	4 kg/hour	0,45-9 litre/hour	240-4200 litre/hour
midi 100-12	6 kg/hour	0,6-12 litre/hour	240-6000 litre/hour
midi 160-24	10 kg/hour	1,2-24 litre/hour	480-9900 litre/hour
midi 175-38	15 kg/hour	1,9-38 litre/hour	600-10500 litre/hour
midi 300-54	25 kg/hour	2,7-54 litre/hour	1200-18000 litre/hour

In addition to this we gladly carry out customized solutions