

POLYMORE midi 100-12

is a complete dissolving- and dosage equipment for liquid, concentrated polymer in emulsion- or dispersion form.

The equipment is complete, including mixing chamber with a built in agitator. The machine is delivered with a system for solvent water including valves, flow meters, flow switch and a control cabinet with a built in pump for the concentrated polymer.

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is designed for a maximum capacity of **12 litres** concentrated polymer (product as supplied) per hour with a maximum flow of **6000 litres** water

Technical data:

Water flow - preparation water:	4 - 20 litres/ min
Water flow - dilution water:	8 - 80 litres/ min
Polymer flow - dosing pump:	10 - 200 ml/ min
Rated current:	max 3A
Voltage supply (acc. to IEC 60309-2):	400VAC, 50Hz, 3P+N+PE
Control circuits (PELV):	24 VDC
Remote control:	Voltage free contact + 4 - 20 mA
Volume - mixing chamber:	45 litres (Ø 380 x 400 mm)
Retention time:	11 - 2 min
Dimensions - W x D x H:	770 x 630 x 720 mm
Connection - water:	R1½" - 40
Connection - polymer solution:	R1½" - 40
Polymer dosing pump - type:	Peristaltic (tube) pump
Sound level:	< 60 dB(A)
Max. counter-pressure, polymer solution:	1 bar
Recommended running temperature:	+10 - +40 °C
Weight (empty chamber):	70 kg
Internal diameter of the pump tubing:	Ø 8,0 mm