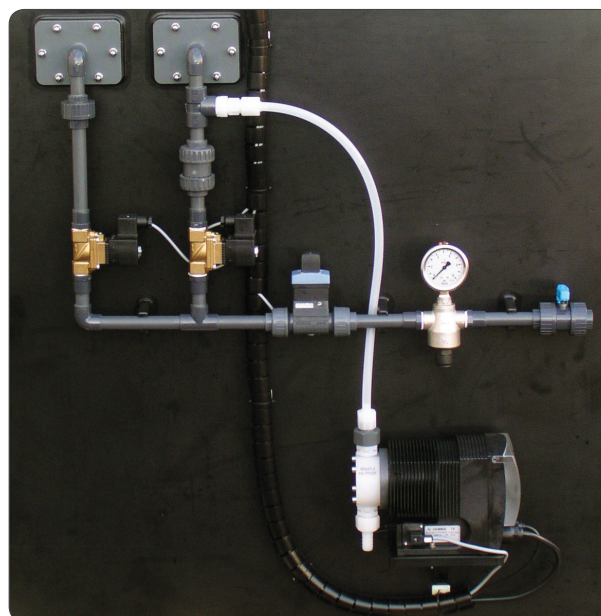


Continuous powder and emulsion polyelectrolyte preparation system, entirely automatic with a triple chamber tank (preparation/maturing/dosing) constructed in high density polyethylene (offering a good level of resistance in aggressive environments), allowing a high quality end product to be achieved.

- Powder preparation capacity up to 12000 l/h in concentrations of 1 to 5g/l for 30 minute maturing times.
- Emulsion preparation capacity up to 18000 l/h in concentrations of 1 to 5g/l for 30 minute maturing times.
- The control panel, with synoptic system and operation switch, provide the operator a complete control over the unit.
- The ultra-sonic level probe (which does not have contact with liquid), installed in the last chamber, allows for the unit's independence to be monitored continually and even sets off maximum and minimum level alarms, displaying information on the screen, a light signal and the corresponding contact on the control panel.
- The flow meter regulates the amount of water entering the system and provides information on the screen, guaranteeing a dilution flow permitting the proper function within the established parameters.
- The low speed mixers, which features a 316 stainless steel shaft and propeller, installed in the preparation and maturing chambers, ensure that the final solution is entirely homogeneous (the 3rd agitator is optional). The ability to programme the agitators to function allow a better energy consumption.
- The simple calibration routines allow a more rigorous and economical polymer dosing.
In accordance with the concentration selected by making adjustments directly on the display screen and the instant flow rate, the polymer dosing (in powder or emulsion) will be made in order to achieve the desired concentration.
- The heating resistance at the dry feeder output and the lack of powder detector's hopper, with the respective alarm on the screen, light signal and contact on the electronic panel, are essential accessories included in the standard configuration.



POLYMAKER PLM Series

Model	Max. Capacity (L/h) in 30mn	
	Powder	Emulsion
PLM8	800	1200
PLM12	1200	1800
PLM18	1800	2700
PLM25	2500	3750
PLM34	3400	5100
PLM52	5200	7800
PLM75	7500	11250
PLM120	12000	18000