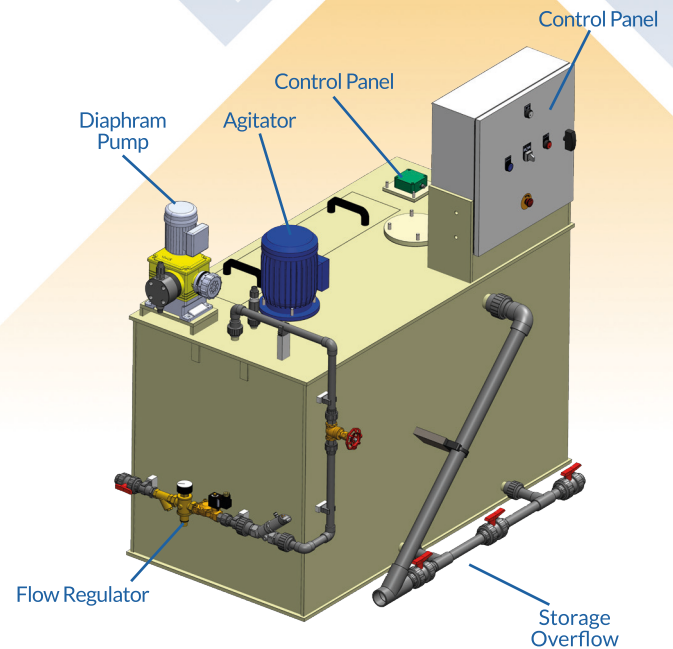


POLYMER PLANT

A PRODUCT SODIMATE

We propose a large range of products in emulsion flocculant preparation :

Polymatic E is an installation of polyelectrolyte preparation. It can be used in all applications where synthetic polymers are in a concentrated liquid form (Emulsion). They should be prepared in solutions like flocculants. Many polymers are available in the market, they can be used to prepare the best mixtures in various quantities, which is fully automated.



▶ **ADAPTABLE**

▶ **KEY IN HAND**

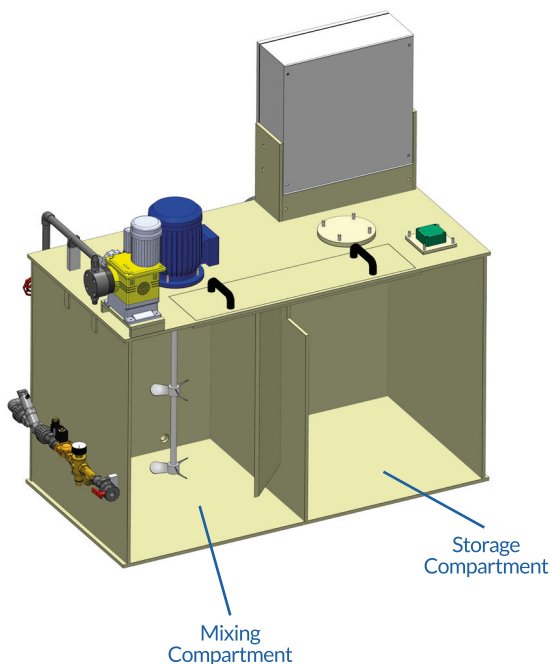
▶ **REDUCED MAINTENANCE**

Emulsion version

Polymatic E is composed of an agitated tank in PPH with 2 compartments (mixing / storage) linked by overflow.

The first compartment is always equipped with an agitator, the second is not agitated unless specifically requested.

The first compartment is called mixing and is fed by pumping water through fixed on exterior or the tank and in emulsion by a high viscosity volumetric dosing pump, with membrane fixed on the tank or on a support to be mounted on a wall in the installation room (of choice).



POLYMER PLANT

A PRODUCT SODIMATE



OPTIONS

- ▶ Touch screen on the front of control panel
- ▶ In-line dilution table with static mixer
- ▶ Custom-made tank dimensions
- ▶ Agitator in the second compartment
- ▶ Peristaltic or off-center rotor emulsion pump instead of membrane pump
- ▶ Tank-mounted pick-up pump(s) storage pump(s) mounted on the tank
- ▶ Custom positions of the different accessories on the tank

POLYMATIC RANGE	400E	650E	1000E	1500E	2000E	3000E
Length x Width x Height	1040x830x690	1414x734x880	1530x1000x880	1592x1230x1000	2130x1230x1000	2624x1450x1000

Withdrawal rate in L/h Max for a maturation time of 20 minutes	1150	1950	3000	4500	6090	9045
Water supply	DN20	DN20	DN20	DN40	DN50	DN50
Water flow in UH envisaged for 20 minutes for Max racking	2300	3900	6000	9000	12 180	18 090
Flowmeter range at Ludion+ Contact	-	-	-	1000-10000 l/h	2500-25000 l/h	2500-25000 l/h
Mecotronic flowmeter range +display 1/h	120-6000	120-6000	120-6000	-	-	-

Dosing pump power	0,12 Kw	0,12 Kw	0,12 Kw	0,12 Kw	0,12 Kw	0,12 Kw
Max diaphragm pump flow rate	10 l/H	25 l/H	25 l/H	50 l/H	83 l/H	110 l/H