

EMU – FLX | Emulsion Make-Up Unit – Flexible Modular Design

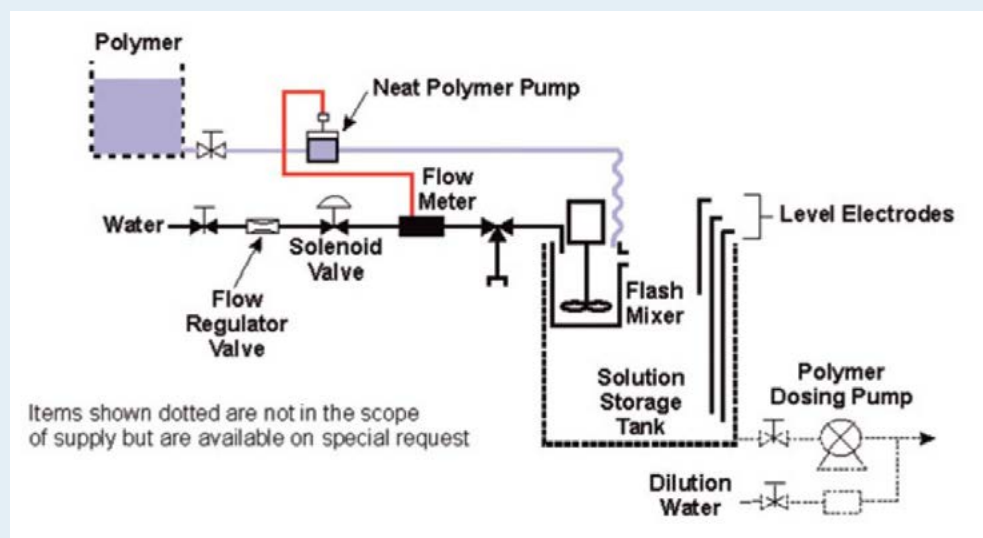


The EMU – FLX is supplied as a two part unit. The first part is floor standing and comprises a polymer feed pump and the electrical control panel, mounted on a stainless steel frame. The second part is tank mounted and comprises of; a frame, a flash mixing tank, agitator, level probes, polymer inlet pipework, three way valve on the water inlet, a solenoid valve and pulsing water meter on the inlet. Also supplied with the unit are 2 metres of suction hose and IBC connector, 5 metres of delivery hose to fit between the polymer feed pump and injection pipework. From the electrical control panel, 5 metres of cable each to the second valve, level electrodes and water, also 15 metres of cable to the mixer.

- Mixes inverse emulsion grade polymer and water into a homogeneous solution
- Used also on dispersion and liquid grades of polymer
- Conversion of powder make-up unit to powder/liquid system

Technical Specifications

Dimensions	Floor Standing Section 630mm x 380mm x 1200mmH, Tank Mounted Section 600mm x 465mm x 800mmH
Weight	100kg
Capacity	Up to 6000 l/h as solution, up to maximum of 1%
Service Requirements	
Voltage Range	220-550v/3ph/10A/50Hz/60Hz and other voltages available upon request. No neutral is required
Water Supply	Clean water, solids up to 155 Micron, total suspended solids <100mg/litre
Water Flow	1200 and 1600 L/hr @ 2bar
Polymer Feed	Up to 70l/h 'as received' product
Accessories:	IBC Storage Facilities Drum discharging system and Storage tank Dosing Pumps Storage Tanks



- Fully automatic operation
- Two section modular construction
- Can be installed on existing storage tank
- Stainless steel flash mixing tank and frame
- Flexible polymer injector line retractable for calibration
- Polymer automatically proportioned to water inflow
- Proven design
- More economic use of polymer
- Superior polymer solution quality due to the polymer/water proportioning system and homogenous mixing
- Consistent and repeatable polymer solutions
- Easy installation
- Multiple units can be installed into the same tank for extra capacity or D/S applications
- Factory tested