

# EFFECTIVE MIXING | MANUAL POLYELECTROLYTE PREPARER

- 1 MIXING SYSTEM**  
Slow-moving agitators, which favor the homogenization of the solution and the creation of polymer chains.  
EFFICIENCY: IEC: IE3 | NEMA: High, Premium.
- 2 OPERATIONAL CAPACITY**  
250 - 5,000 L/h.
- 3 DEPOSIT**  
100% high density polyethylene. Food grade, resistant to highly corrosive and abrasive substances..
- 4 FUNNEL**  
Dilution funnel with ball valve for manual regulation of the polymer powder.
- 5 DISPENSER**  
Dosing pump for emulsion polymer.
- 6 VALVES**  
Connections with PVC ball valve (filling and emptying).
- 7 LEVEL CONTROLLER**  
Pneumatic level detector.
- 8 MANUFACTURING MATERIALS (MIXER)**  
Carbon steel | AISI 304 | AISI 316L.
- 9 FINISH (MIXER)**  
9.1 POLISHED: (°Grit).  
9.2 COATING: PTFE | PVDF | EPDM | Halar | Butyl rubber | Natura rubber | Ebonite | Neoprene | Fiber glass.
- 10 OPTIONAL**  
10.1 MOTORS:  
10.1.1 ATEX protection.  
10.1.2 Stainless steel case.  
10.1.3 Epoxy paint, food grade.  
10.1.4 Food grade oil.  
10.2 CERTIFICATIONS: NOM | FDA regulation | EHEDG.
- 11 DESCRIPTION**  
The manual polymer preparer can be adapted according to the presentation supplied.  
It can be powder, emulsion or mixed system.  
It is designed for a batch preparation..

