MIYAY PROSES

PROSES EKIPMANI TEKNIK DOSYA

CHEMICAL DOSING SYSTEMS

Polymer Preparation System

A process-focused solution for reliable, stable, automatic coagulant and flocculant preparation.



EQUIPMENT
Polymer Preparation

CATEGORY
Chemical Dosing

MODEL LINE
9 options

OVERVIEW

Polymer Preparation System - Process-focused selection

Why MİYAY?

TECHNICAL DATA

Project-specific technical summary

Technical parameter	Value	Project note
Polymer Type	Anionic, cationic and nonionic polymers	Proje verilerine gore netlestirilir
Polymer Form	Powder or liquid polymer	Proje verilerine gore netlestirilir
System Structure	2 compartment preparation and storage structure	Proje verilerine gore netlestirilir
Feeding System	Pneumatic powder feeding and liquid polymer dosing-pump integration	Proje verilerine gore netlestirilir
Mixing System	Static and dynamic mixer options	Proje verilerine gore netlestirilir
Control System	Automatic level-controlled operation	Proje verilerine gore netlestirilir
Automation	PLC-based control with SCADA compatibility	Proje verilerine gore netlestirilir
Body Material	AISI 304L / AISI 316L stainless steel options	Proje verilerine gore netlestirilir

Technical parameter	Value	Project note
Piping	Chemical-resistant AISI 304L / AISI 316L options	Proje verilerine gore netlestirilir
Safety Systems	Level sensors, overflow-prevention systems, and powder-loading hopper	Proje verilerine gore netlestirilir
Preparation Process	Polymer dissolution, maturation, and dosing	Proje verilerine gore netlestirilir
Pilot Testing	Laboratory testing and scale-up support based on process conditions	Proje verilerine gore netlestirilir

PRODUCT MODELS

Model and size selection table

Model	Flocculant Dosing	Capacity (L/s)	Material Options
MPS-FD-5B	FD	500	SS304/SS316/PP/Custom
MPS-FD-10B	FD	1000	SS304/SS316/PP/Custom
MPS-FD-15B	FD	1500	SS304/SS316/PP/Custom
MPS-FD-20B	FD	2000	SS304/SS316/PP/Custom
MPS-FD-30B	FD	3000	SS304/SS316/PP/Custom
MPS-FD-40B	FD	4000	SS304/SS316/PP/Custom
MPS-FD-50B	FD	5000	SS304/SS316/PP/Custom
MPS-FD-60B	FD	6000	SS304/SS316/PP/Custom
MPS-FD-100B	FD	1000	SS304/SS316/PP/Custom

GALLERY

Equipment details and site photos



Image 1



Image 2



Image 3



Image 4

Polymer Preparation System — Request a quote

Share your capacity, mixing and dose process requirements so our engineering team can assess the right configuration.

REQUEST A QUOTE