

Flocculant Dosing System



The automatic flocculant dosing system (also called Polymer doser, polymer makeup system, polymer preparation unit, etc.) adopts the PLC control method, which pioneered the integration of fully automatic adjustment of pharmaceutical concentration, automatic dosing, dissolution, and dosing, achieving a breakthrough in continuous unmanned operation; significantly reducing the cost of design, construction, operation and maintenance.

1. Product Introduction of Flocculant Dosing System

The 2-box and 3-box flocculant dosing system produced by our company is an automatic mechanism which doses PAM powder into solution. By dosing in batches, the flocculant particles will be fully cured to achieve the desired results. Flocculant dosing system can be operated through electric control panel from long distance, which is safe, convenient and reliable. It has wide suitability, especially applies to municipal sewage treatment plants, industrial wastewater treatment and such industries which require the use of dosing flocculant solution. We can also meet the special needs of users by providing special design according to their requirements.

2.Product Parameter (Specification) of Flocculant Dosing System

We Dongkai can adjust the size of the equipment according to the requirements of customers and the required capacity of the equipment. The device is suitable for continuous operation. The metering screw conveyor is driven by a motor with a gear device. The speed of powder flocculant is controlled by timing control of screw operation. The device, together with the flocculant metering pump, can provide correct materials according to customer requirements.

Flocculant Dosing System Features

Each chamber is equipped with secure inspection cover and emptying valve

User guided solvent concentration entry

Minimal product carryover

Programmable logic PLC controller

Control cabinet for automatic control of the entire system

Optional automatic control panel version to add polymer in proportion

Version with junction box available on request

Available Options:

Specification of Flocculant Dosing System

Extraction rate up to 10,000 l / h

Liquid polymer concentration: 0.05 – 1%

Powder polymer concentration: 0.05-0.5%

FLOCCULANT DOSING SYSTEM EQUIPMENT SPECIFICATIONS													
PT Model	Capacity (L/h)	Tank volume (L)	Influent volume (m3/h)	Aging Time (h)	Piping Connections				Physical Dimensions(mm)			Weight (Kg)	Power (KW)
					Inlet	Dosing	Vent	Overflow	L/L1	W/W1	H		
PT300	300	350	0.12-0.6	1.0-1.5	DN20	DN20	DN20	DN32	940/860	470/520	1450	250	0.54
PT500	500	750	0.3-1.5	1.0-1.5	DN25	DN25	DN25	DN32	1370/1290	680/730	1450	350	0.92
PT1000	1000	1580	0.6-3	1.0-1.5	DN25	DN25	DN25	DN40	1800/1720	900/950	1620	480	1.3
PT1500	1500	2200	0.8-4	1.0-1.5	DN32	DN32	DN25	DN40	2130/2050	1070/1120	1620	560	1.7
PT2500	2500	4050	1.6-8	1.0-1.5	DN40	DN40	DN40	DN50	2450/2370	1220/1270	2000	790	2.4
PT4000	4000	6170	2.4-12	1.0-1.5	DN40	DN40	DN40	DN65	2780/2700	1390/1440	2250	1050	3.2

3.Deliver,Shipping And Serving of Flocculant Dosing System



4. FAQ

Q: Are you a trading company or a manufacture factory?

A: We are a manufacture factory

Q: Can your factory customize the products for clients ?

A: Yes, we can. We have a senior designer, can help customers make CAD drawings, according to your exactly usage.

Q: How about after-sales service ?

A: 1 year free warranty, Lifetime technical service support.

Q: What's the guarantee, in case the products breaks down?

A: Within the guarantee period stipulated in the contract. If it breaks down, generally speaking, our technician will figure out what the problem may be, according to client s feedback. Parts will be replaced for free if the problems are caused by quality fault.

Q: How can I install the production and get a commissioning ?

A: We may send our engineer for installation and commissioning, but relevant cost will be paid by you.

Q: What is your payment terms ?

A: Normally, 30% as the deposit first by T/T, the rest 70% will be paid before shipping by T/T.

Q: Do You Arrange Shipment For The Machines?

A: Yes, dear esteemed customers, for FOB or CIF price, we will arrange shipment for you. For EXW price, clients need to arrange shipment by themselves or their agents.

Q: which shipping way is available ?

A: 1 . by sea to your nearest port 2 by air to your nearest airport 3 by express dhl . ups fedex . tnt . ems . etc . to your door We will provide tracking number asap after the goods shipping out.

Q: How about the documents after shipment?

A: After shipment, we ll send all original documents to you by DHL, including Packing List, Commercial Invoice, B/L, and other certificates as required by clients.

Q: How long is the delivery time?

A: Depending on the quantity of the order, if the product is in stock. It will reach port in less than 3 days .