

AERON ENGINEERING

METERING & DOSING PUMP



DOSING PUMP



E-DOSE PUMP

APPLICATION

1. Waste Water and Effluent Treatment: Dosing of Alum and Hydro Chloride of ETP.
2. Sugar Industries: Anti Scaling Dosing, Phosphoric Acid, Flocculent.
3. Mineral Processing: Dosing of Flocculent and Catalyst.
4. Chemical Industries: Metering of Resin and Catalysts.
5. Pharmaceutical Industries- Coating of Tablets, ETP
6. Oil Industries: Odorizing of Natural Gas, Methanol, butane, Propane, Injection.
7. Paper Industries: Melamine and resin addition, chlorine dosing for bleaching and many more.

SALIENT FEATURES

1. High Volumetric Efficiency of 94%
2. High Dosing Accuracy of $\pm 1\%$
3. Flow Variation Possible From 10-100%
4. Linear relation between control setting and stroke length
5. Positive Feedback Crank Mechanism
6. Double Diaphragm Design

SPECIFICATIONS

Flow: Max 5 m³/hr
Pressure: 200 kg/cm²
Solid Size: Max 5 mm
Solid%: Max 25%

Correspondence Office: Gala no. S/11, Gr. Floor, Samkit Building, Sagar Signature Complex, Opp Ipol Oil Company, Waliv Phata, Vasai (East) – 401 208. Mob: 08097603866

Registered Office: 206, Shilpa Ind Est, Oshiwara Lane, Off S.V.Road, Jogeshwari (West), Mumbai: 400-102.

Mail Id: aeronpumps@gmail.com Website: www.aeronengineering.com

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PERFORMANCE TABLE OF DOSING PUMP

MODEL	PL Dia MM	Pr Kg/cm ²	Cap LPH	Suc Dis MM
PD-I	6-48	10-80	2.8- 200	8-15
PD-II	20-67	8-99	68-761	15-40
PD-III	12-100	9-230	48-2968	15-40
PD-IV	20-120	10-200	204-7326	15-50
MDI-I	Diaphragm Type	4	0-200	8-15
MDI-II	Diaphragm Type	4	0-500	15-25
MDI-III	Diaphragm Type	4	0-1000	40
HYD I S0	6-24	42-80	2.8-45	8-15
HYD I S1	6-44	12-80	2.8-150	8-15
HYD II S1	20-36	25-99	68-200	15-25
HYD II S2	20-54	13-99	68-500	15-25
HYD III S2	54-62	10-31	652-866	15-40
HYD III S3	20-100	9-200	119-2968	15-50
HYD IV S3	20-100	15-200	204-5089	15-80

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