



## Ammonia Dosing Pump

Ammonia Dosing Pump's working Principle: The motor drives worm gear pair; through eccentric mechanism, rotary motion of the motor is transformed into reciprocation of slide bar. Reciprocating slide bar directly propels mechanical diaphragm to make cyclic deformation, so as to suck in and discharge the medium....

### 1.Product Introduction

Ammonia Dosing Pumps are electric motor-driven pumps with mechanical diaphragm liquid ends. Simple, economical and rugged, they offer great flexibility and a wide selection of liquid ends compatible with most chemicals. With a corrosion-resistant plastic or aluminium housing, depending on the model, variable eccentric drive and stroke adjustment. Ammonia Dosing Pump is made up of four dosing pump models, covering a very wide flow range (up to 2,000 l/h) at an excellent quality-price ratio.

### 2.Product Parameter (Specification)

- \* Output pressure is less than 12bar, suitable for small flow. The measurement can be up to +/-1%
- \* It can Transport high-viscosity mediums, corrosive liquid and dangerous chemical goods
- \* Power-off seal, no leakage
- \*The flow can be controlled via adjusting the length of stroke or the motor frequency.
- \*Ambient temperature: -10~40
- \* Lower price, simple structure, convenient maintenance, better performance-price ratio

Capacity:12~2000L/H  
Pressure:3~12 BAR  
Speed:36~180 spm  
Length of stroke: 12mm



[www.cndkby.com](http://www.cndkby.com)

Suction/discharge:DN15~DN40

Pump head material:PVC,PTFE,304,316

Diaphragm: PTFE

Motor Power: 220V /380V 0.04/0.06/0.09/0.37/0.55/0.75/1.5KW1400rpm 3 phase 50Hz(others are available)

Digital Controller: control flow by changing the frequency

### **3.Product Feature And Application**

1. The working principle of Meirheng prominent ammonia reciprocating metering pump is to push diaphragm reciprocated by a eccentric motor-driven gear.
2. Ammonia Dosing Pump is combined the advantages of electromagnetic diaphragm metering pump & mechanical diaphragm metering pump, and has conquered the weakness of low pressure, small capacity & high power.
3. It is Compact structure, no leakage, safe operation and easy to maintain.
4. This prominent ammonia reciprocating metering pump for detergent is popular in water treatment, lab, petrochemical, paper making, coating, food & drink, pharmacy, etc.

### **4.Deliver,Shipping And Serving**





## 5.FAQ

Q1: What's your business range?

A: We manufacture Water quality analysis instruments and provide dosing pump, diaphragm pump, water pump, pressure instrument, flow meter, level meter and dosing system.

Q2: May I visit your factory?

A: Of course, our factory is located in Zhejiang, welcome your arrival.

Q4: Why choose us?

1. We have more than 10 years of industry experience in water treatment.
2. High quality products and competitive price.
3. We have professional business personnel and engineers to provide you with type selection assistance and technical support.