



Single Head Battery Electrolyte Filling Machine IP31 Protection MR-ZYB01

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MRBEST
- Certification: CE
- Model Number: MR-ZYB01
- Minimum Order Quantity: 1 Set
- Price: Negotiable
- Packaging Details: Standard Export Wooden Packing
- Delivery Time: 7-20 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 500 sets per month



Product Specification

- Name: Battery Electrolyte Filling Machine
- Application: For Battery Electrolyte Injection
- Pump Core Material: ZrO₂, Al₂O₃
- Drive Method: Imported Servo Motor/Stepper Motor
- Range Of Rotation: 1-1200rpm Forward And Reverse Reversible
- Protection Level: IP31
- Highlight: **Single Head Battery Electrolyte Filling Machine, Battery Electrolyte Filling Machine IP31**

Product Description

Single Head Electric Injection Pump Battery Electrolyte Filling Machine



Model: MR-ZYB01

It is applied for precision measurement of high-end micro liquid medium in medicine, electrolyte, acid, solvent, dairy products, glue, reagent and other industries. The high precision and compact design make it particularly perfect for battery electrolyte filling in battery lab research.

Features

- Suitable for high-end micro-precision liquid medium metering filling, adding, liquid injection/injecting, spraying and marking. Valveless design ensures stable flow.
- The pump core is made of special industrial ceramics (Zirconium Oxide ZrO_2 , Alumina Al_2O_3), which has features of high-strength wear resistance, with anti-chemical reaction, the contact medium part is ceramic.
- The pump sleeve and parts are resistant to acid and alkali, suitable for metering in various harsh liquid environment.
- Positive displacement plunger structure, reciprocating rotation operation, adjust the stroke length and rotation period to change the flow rate.
- The system is with powerful functions, multi-capacity, multi-speed options, and can transform and transfer liquid in reverse.

Technical Parameter

Name	Single Head Battery Electrolyte Filling Machine
Model	MR-ZYB01
Pump core material	ZrO_2 , Al_2O_3
Pump core performance	Corrosion resistance, high temperature resistance, wear resistance, high hardness, low friction coefficient, long life
Pump core matching accuracy	2 μm
Drive method	Imported Servo Motor/Stepper Motor
Range of rotation	1-1200rpm forward and reverse reversible
Speed control method	pulse
Control display method	Display control 4.3 inches touch screen man-machine interface dialogue operation
Programming software	Display and Control Programmable Controller
Single stroke capacity range	0 μL -10000 μL , Max10000 /1 stroke
Capacity calculation method	$Q_{total} (total\ liquid\ volume) = Q_{stroke} (stroke\ volume) \times N_{stroke} (stroke\ number)$
Measurement accuracy	Within 5%.
Applicable medium temperature	The temperature of the medium liquid is less than or equal to 250 (due to the different material selection, please specify when placing the order)
Catheter	PE / Teflon / inlet inside diameter $\phi 6$, the outer diameter $\phi 8$
Dispensing needle	$\phi 2.5/\phi 4.0/\phi 6.0$ (Needle and needle length optional)
Metering pump size	L×W×H 201×125×147mm
Controller size	L×W×H 295×215×157mm
Weight	≈8kg including controller and metering pump

Applicable power supply	AC 220V±10%, 50Hz/60Hz (standard) AC 110V±10%, 50Hz/60Hz (optional)
Working environment	Temperature 0 40 , relative humidity <80%
Protection level	IP31

Our Advantages

1. Steady and high quality ! -cause we are a manufacturer of Lithium Battery Equipment, and we only focus on one thing that is make professional Lithium ion Battery Equipment for customer around the world.
2. Friendly use! all MRBEST Battery Equipment with teach manual and support live teaching via media.
3. Reliable factory! My factory located in Shenzhen city of China, support factory visit and video factory visit .
4. 1 year warranty plus lifetime technical support.
- 5.All the parts use on machine, in stock forever.
6. Powerful technical support, NOT TRADE COMPANY! We are professional on Lithium Battery Equipment, the chief engineer team have more than 20 years experience on lithium battery area, so we can easy do diagnose on machine if customer have question.
7. 100% PATIENCE to all customers! Our patience not only before consult order, also after-sale service, one by one .



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