



## KDC / DC Series Precision Dispensing Controller Vcm Semiconductor Chip Die Bond MemS Solder Paste Dispensing Micro Dosing

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO CE
- Model Number: KDC/DC
- Minimum Order Quantity: 1
- Price: \$1-\$10000
- Packaging Details: WOODEN
- Delivery Time: 5-60 days
- Payment Terms: L/C, T/T, D/A, D/P, MoneyGram, Western Union



### Product Specification

- Condition: New
- Voltage: 220 VAC(@ 50/60Hz)
- Automatic Grade: Automatic
- Dimension(l\*w\*h): 260×252×100mm
- Certification: CE Certificate, ISO9001, ISO, CE/ISO
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Online Support, Video Technical Support, No Overseas Service Provided, Free Spare Parts
- Warranty: One Year
- Product Name: KDC/DC Series Precisions Dispensing Controller
- Highlight: **Precision dispensing controller,  
VCM dispensing controller,  
Semiconductor dispensing controller**



### More Images



## Product Description

### KDC/DC Series Precision Dispensing Controller

- ◆ Boost precision and efficiency in semiconductor and precision electronic component manufacturing.
- ◆ Fast-paced, highly-stable and ultra-fine dispensing.
- ◆ Rich supporting components and process solutions.
- ◆ Simple operation and easy maintenance

| KDC2500/2200 Ultra Precision Dispensing Controller   | DC-600 Precision Dispensing Controller   |
|--|--|
| ◆ Innate advantage for ultra precision micro dosing & unmanned automatic production line brought by minimal dosing of 0.01mg and cycle time within 0.1s. | <ul style="list-style-type: none"> <li>◆ Specially designed for Mingseal Automatic Dispensing Machine, and can be used independently as well.</li> <li>◆ Dosing pressure range 0.05-0.6MPa, suitable for assembly fluids with various viscosity.</li> <li>◆ Compact size, simple operation, and can be integrated onto automatic dispensing machine for precise dosing.</li> </ul> |
| ◆ Proactive compensation based on historical experience or   |  |
| real-time compensation based on in-line condition to meet ultra precision dispensing process requirement.  |  |

### Features and Advantages

- ◆ Automatic Level Compensation—No glue amount devn. from level diff. achieving stable dosing and less defect.
- ◆ Automatic NP Compensation—stable dosing with negative pressure control and no dripping and excessive bubbles.
- ◆ Automatic Innage Alert—prevent glue shortage defect by comparing alert value with detection to remind syringe refill.
- ◆ Dosing pressure range 0.05-0.6MPa, suitable for assembly fluids with various viscosity.
- ◆ Dosing timing function for more accurate control.
- ◆ Vacuum suction with pressure readings displayed.
- ◆ Compact size and simple operation.

### Technical Specification

| Types                                 | KDC2500                  | K<br>D<br>C<br>2<br>5<br>0<br>0                            |
|---------------------------------------|--------------------------|--|
| Dispensing Air Pressure Setting Range | 0.030~0.500 MPa          | 0.<br>0<br>0<br>5<br>~<br>0.<br>2<br>0<br>0<br>M<br>P<br>a |
| Dispensing Time Setting Range         | 1ms~99999ms/0.1s~9999.9s |  |
| Vacuum Suction Pressure Range         | -20~0kPa                 |  |

|                              |   |   |
|------------------------------|---|---|
| Working Pressure Input       | 0.6~0.7MPa(Optimal:0.6MPa Max:0.7MPa)   | 0.3~0.4MPa (Optional:0.3MPa Max:0.4MPa) |
| Dispensing Method            | Pneumatic Pulse   |   |
| Control Method               | Microcomputer controlled electronics/Pneumatic method   |   |
| Dispensing Mode              | TIMED/STEADY  |   |
| Main Functions               | Automatic Level Compensation,Dripping Control,Automatic Innage Alert,Dispensing Amount Compensation                 |   |
| Storage Channel              | 100CH   |   |
| Communication Interface      | RS232/RS485   |   |
| Input Signal                 | Dispense,Change Channel,Change Dispense Mode,Channel Pre-setting/Designation/Steps                                  |   |
| Output Signal                | Preparing,Dispensing Completed,Dispensing,Dispensing Cycling,Solenoid Valve Alarm,Innage Alert,Error,Power-Up State |   |
| Input Trigger                | 3-core Metal Aviation Plug  |   |
| Rated Power Supply/Frequency | AC220V/50Hz   |   |
| Rated Power                  | 15W   |   |
| Approvals                    | CE(Low Voltage Directive,EMC Directive),EU RoHS   |   |
| Dimensions(W*D*H)            | 260×252×100mm   |   |
| Weight                       | 4.5KG   |   |
| Types                        | <b>DC-600</b>   |   |
| Input Air Pressure           | 0.1-0.7MPa  |   |
| Output Air Pressure          | 0.05-0.6MPa   |   |
| Minimum Cycle time           | 10ms  |   |
| Dispensing Timing Range      | 10ms~99990ms  |   |
| Rated Power                  | 15W   |   |
| Weight                       | 2.5kg   |   |
| Dimensions(W*D*H)            | 245×192×95mm  |   |
| Rated Power Supply/Frequency | 220V AC 50Hz  |   |



