



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 Precision Dispensing Controller
- Highlight: **Automatic benchtop pick and place machine, benchtop pick and place machine Controller, Benchtop pick and place soldering machine**



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"> ◆ Specially designed for Mingseal Automatic Dispensing Machine, and can be used independently as well. ◆ Dosing pressure range 0.05-0.6MPa, suitable for assembly fluids with various viscosity. ◆ Compact size, simple operation, and can be integrated onto automatic dispensing machine for precise dosing.
◆ 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 D C 2 5 0 0
Dispensing Air Pressure Setting Range	0.030~0.500 MPa	0. 0 0 5 ~ 0. 2 0 0 M P 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	DC-600	
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	



