



DW200P Precision Spot- welding Machine Micro Speaker / Receiver Flat Vibration Motor FPC Product lead Voice Coil Motor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO CE
- Model Number: DW200P
- Minimum Order Quantity: 1
- Price: \$1000-\$150000
- Packaging Details: WOODEN
- Delivery Time: 5-60 days
- Payment Terms: L/C, T/T, D/A, D/P, MoneyGram, Western Union



Product Specification

- Frame Structure: Desktop
- Condition: New
- Warranty: One Year Limited Warranty With Lifetime Support
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Online Support, Video Technical Support, Free Spare Parts
- Machine Weight: 100KG
- Inhale: (0.5Mpa 250L/min) ×2 Way
- Highlight: Visual table top pick and place machine,
Welding table top pick and place machine,
Welding benchtop pick and place machine

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Product Description

DW200P Precision Spot- welding Machine

DW200P is a high-precision desktop visual resistance welding system, which can realize real-time pressure inspection to give an alarm when the parameter range threshold is exceeded, precisely control the pressure and energy, and improve the quality control capability.

Features and Advantages

Yield Improvement

Real-time welding pressure inspection to give an alarm when the preset range is exceeded. Precise energy control to effectively prevent burns around the pad. Precise pressure control to effectively prevent the pad from collapsing.

Suitable for Automated Production Line

The head and power supply combination occupies a small space and is light-weight. It supports communication with the MES system, and can be flexibly integrated in the automated production line.

Solving Potential Problems of

Poor Welding

Insufficient energy or pressure

Pad Collapsing

Too much pressure.

Substrate Warpage and Peripheral Burns

Excessive energy caused by too high pressure and too long contact time.

Targeted Solutions

High-Precision Energy Control

Closed-loop energy control to quickly achieve stable output and effectively prevent the pad burns caused by energy diffusion.

High-Precision Pressure Control

Closed-loop pressure control with the error of $\pm 5g$, and real-time pressure inspection to give an alarm when the threshold is exceeded.

Application Fields

Micro Speaker / Receiver

Flat Vibration Motor

FPC Product lead

Voice Coil Motor

Linear Vibration Motor

Technical Specifications

Model		DW200P	
Structure	Frame structure	Desktop	
Product Application Fields	Application fields	motor, electroacoustics	
	Fixture width range (W *D)	200 x 200mm	
	Max. fixture weight	5kg (with Product)	
	Transmission mechanisms	Servo motor&Screw module	
	Repeatability	X/Y: $\pm 0.015\text{mm}$	
Motion System	Positioning accuracy	X/Y: $\pm 0.025\text{mm}$	
	Max. movement speed	X/Y:500mm/s Z:100mm/s	
	Max. accelerated velocity	X/Y:0.5g Z:0.1g	
	Visual positioning method	Mark/Product appearance features	
Vision System	Recognition accuracy	$\pm 1\text{Pixel}$	
Welding Requirement	Welding pad	material	metals like copper, tin
		shape	Regular shape and clear boundary
		size	min. size ≥ 8 times of wire diameter
		surface condition	flat and clean
	Conductor wire	shape	Enameled wire or bare copper wire
		size	Diameter $\phi 0.02 \sim \phi 0.1\text{mm}$
	Dimensions W*D*H	700×740×800mm	
	Machine weight	100KG	

Facilities	Power supply	220V AC 50Hz
	Power	900W
	Inhale	0.5Mpa, 150L/min
	Working ambient temp.	0-40°C
	Working ambient relative humidity	20-90% (no dewing)



Mingseal **Changzhou Mingseal Robot Technology Co., Ltd.**

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