

uVibra-300 Vibration Polisher



Contact us

Mikrosize Precision Instrument Co.,Ltd

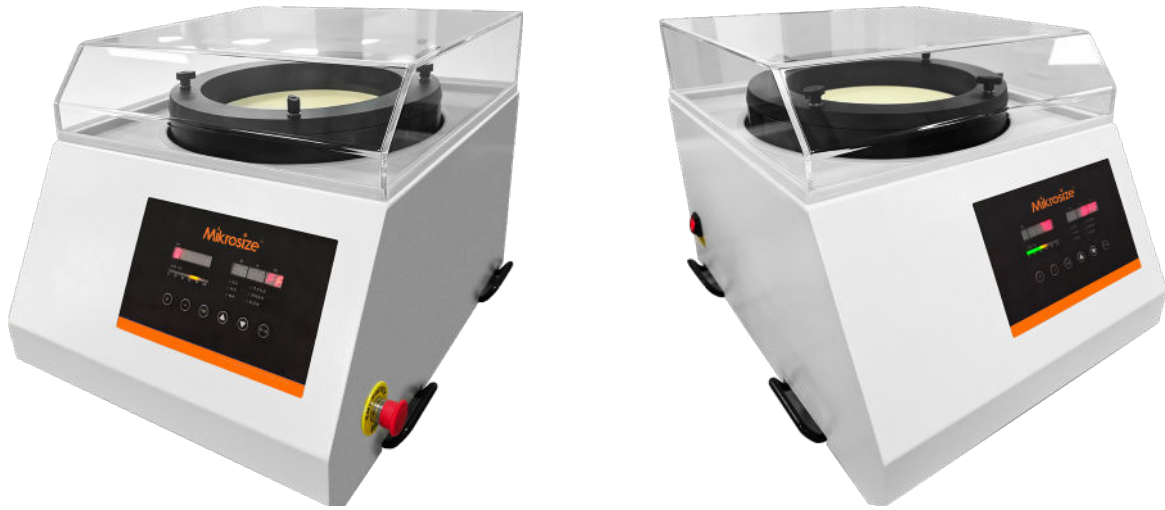
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Feature and Application



Product Feature

- Frequency conversion control, simple panel design, digital display of operating parameters, easy operation.
- Unattended operation: the equipment runs and stops automatically after parameter setting.
- Mechanochemical polishing of samples, replacing electrolytic polishing without hazardous polishing media.
- Gentle polishing, removes surface deformation layer of samples without inducing mechanical stress.
- 305 mm diameter polishing plate, capable of preparing up to 18 samples simultaneously.
- Excellent polishing effect for mixed materials and heterogeneous samples.
- Optional sample holders of different specifications, custom specifications available.
- Customized vibration plate, low noise, stable operation.
- Quick-release polishing plate for easy disassembly and cleaning.
- Transparent dust cover for convenient observation of sample polishing status.
- Powder-coated body surface, corrosion-resistant, wear-resistant and easy to clean.
- Equipped with emergency stop button.

Product Application

- Metallographic structure observation with high requirements.
- Unmounted large test specimens.
- Machined precision small parts.
- Powder metallurgy sintered parts.

Product Details



- Quick-release polishing plate for easy cleaning.
- Capable of processing multiple samples at one time.
- Nearly horizontal vibration direction, prolonging the contact time between samples and polishing cloth.



1.Parameter Set Value

4.Function Indicator

7.Up/Down Selection Keys

2.Running Countdown

5.Increase/Decrease Keys

8.Power On/Off Key










3.Power Indicator

6.Function Key

Technical Specification

Item	Vibration Polisher
Model	uVibra-300
Frequency	0~240Hz
Polishing Plate Diameter	300mm
Sample Diameter	φ30mm (φ25mm、φ40mm、φ50mm Optional)
Max. Polishing Time	9999min
Voltage	220V
Power	500W
Dimensions	560*630*460mm
Weight	135kg

Standard Delivery

Name	Qty	Photo
Mainframe	1pc	
Sample Holder	3pcs	
Leveling Plate	1pc	
Level	1pc	
Open-end Wrench (17-19 mm)	1pc	
Power Cord	1pc	
Instruction Manual	1copy	
Conformity Certificate	1copy	
Warranty Card	1copy	

Optional Delivery

Optional

Polishing cloth

polishing suspension,

Sample fixture.

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