

### Vibratory Polishing Machine VP-430



#### Product Description:

VP-430 vibratory polishing machine can minimize the wearing of the sample, eliminate the surface stress and bring excellent flatness with less stress deformation.

It is an ideal preparation equipment for EBSD (backscattered electron diffraction), AFM (atomic force microscope) & SEM (scanning electron microscopy) analysis and Nano indentation or micro-hardness testing.

The equipment is particularly suitable for surface polishing on soft and ductile materials such as Titanium, Aluminium, pure Copper and Copper alloys, Aluminium alloys, steel and Nickel-based alloys.

#### Features:

1. Low power consumption & noise design with piezoelectric vibratory plate, light weight but stable in operation;
2. Convenient to operate, user friendly;
3. Easily replacement design on disc, convenient to change and clean;
4. 7" LCD touch screen operate & can save 20 customized programs;
5. Automatically adjust frequency.

#### Technical Parameters:

VP-430		
Working Plate	Diameter	12"(300mm)
	Sample Holder	1"/1.25"/1.5"/2"(customized according to customer needs)
Electrical	Voltage/Frequency	100~240V / 50 / 60 Hz
	Rated Power	50W
	Time Setting	9999hours
	Speed	1-20rpm
	Vibration Frequency	40~400Hz
Operating Environment	Temperature	-20℃ - 60℃
	Humidity	0-95%RH
Dimensions	W*D*H	503×516×379mm(Close) 503×607×669(Open)
Weight		53kg