

Metallographic grinding polishing machine Mopao 4



Application

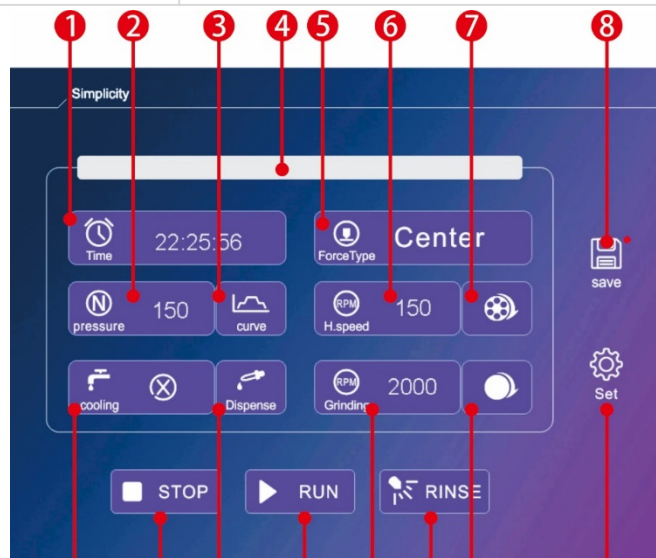
MoPao4 automatic polishing machine is one kind of single disc type machine, which is the new generation of high precision, the sample preparation process of automated manufacturing using the international advanced technology according to international standards. This machine adopts the advanced microprocessor control system, which makes the grinding disc, grinding head speed step less adjustable, sample preparation pressure, time setting. It is central force and single force together. Left and right discs can be independently controlled. The machine is applied more widely with the function of low noise and aluminum base. The machine is applicable to rough grinding, fine grinding, coarse polishing and polishing process.

Technical Parameters

Model	MoPao 4
Wheel diameter	φ200/250/300mm
Language	12 languages (Simplified Chinese, traditional Chinese, English, French, German, Russian, Portuguese, Spanish, Korean, Japanese, Italian, Thai)
Polishing head screen	Touch screen
Data storage	At least 10 sets
Rotational direction of polishing head	Clockwise
Rotational direction of wheel	Clockwise or anticlockwise
Grinding polishing disc control	Double, independently controlled
Rotational speed	0-1000r/min, 20rpm adjustable step & 150/300/600/1000r/min
Power head speed	0-150r/min
Single force Loading range	5-60N
Central force Loading range	20-200N
Sample preparation time	0-12h
Central Force holder	φ30mm(φ22mm /φ45mm) optional

Single force holder	φ30mm(φ22mm /φ45mm) optional
Preparation sample quantity	6 PCS
Air pressure	0.6-0.9MPa
Lighting	LED
Water supply pipe	G1/2 port
Water supply pressure	0.25-0.7MPa
Drain pipe	inner diameter Φ32
Compressed air pipe	Φ6, Φ8 adapter
Input Voltage	AC220V 50HZ
Input power	2.1kw
Dimension	594×795×687mm
Net weight	98kg

Screen instruction



1. Polishing time	2. Polishing head rotation speed	3. Polishing head turning	4. Marks
5. Pressurization form	6. polishing head rotation speed	7. polishing head turning	8. Save
9. Cooling water selection	10. Stop	11. Dropper selection	12. Pause
13. Polishing disc speed	14. Rinse	15. Polishing disc turning	16. Setting