

Advanced Metallographic Grinding-Polishing Machine GP-1X



Main features:

1. PIC control, rotate speed, rotate direction, work time, water valve, etc all can be set on touch screen directly, operate very easy;
2. Setting data can save automatically, next test can use directly, greatly improved working efficiency.
3. Multi-usage, metallographic specimen of coarse grinding, fine grinding, coarse and fine polishing, one machine to complete
4. Support manual work mode and automatic work mode:
 - A) Manual mode: Four-level constant speed mode: 300/500/600/800r/min
 - B) Automatic mode: Eight sections programmable control, 100-1000r/min stepless speed, automatically stop
5. Easily replace magnetic anti-sticking dish, can make all kinds of sample of coarse and fine grinding, coarse and fine polishing all process

6. Optional work rotating direction: counterclockwise and clockwise are optional
7. By using the electromagnetic valve to control the water on and off, machine start work water cooling system automatic work, machine stop work water cooling automatic stop.
8. Single disc, change paper or cloth can do grinding & polishing work.
9. Low noise, stable working performance and beautiful outlook.

Technical specification:

Model	GP-1X
Working disc diameter	Standard $\phi 250\text{mm}$ (option: $\phi 203\text{mm}$, $\phi 230\text{mm}$)
Speed	Stepless: 100-1000r/min Constant speed: 300r/min, 500r/min, 600r/min, 800r/min (Constant speed can be set by clients)
Rotate direction	Clockwise - Anticlockwise
Speed display	Touch screen
Working mode	Manual
Power supply	AC220V, 50/60Hz, 0.75KW
Dimension	670 x 710 x 340mm
Weight	35kg

Standard accessories:

Item	Quantity	Item	Quantity
Pressing ring $\phi 250$	1 piece	Water outlet pipe $\phi 32$	1 piece
Abrasive paper	8 pieces	Rubber washer with strainer	1 piece
Polishing cloth	2 piece	Raw strip	1 roll
Water inlet pipe $\phi 8$ $\phi 32$	1 piece	Hose clamp 21-44	1 piece
Quick-connect coupling SNZ08-04	1 piece	Triangle valve 4	1 piece
Manual	1 piece	Certificate	1 piece