



7" Touch Screen Automatic Grinding-polishing Machine GP-2000A

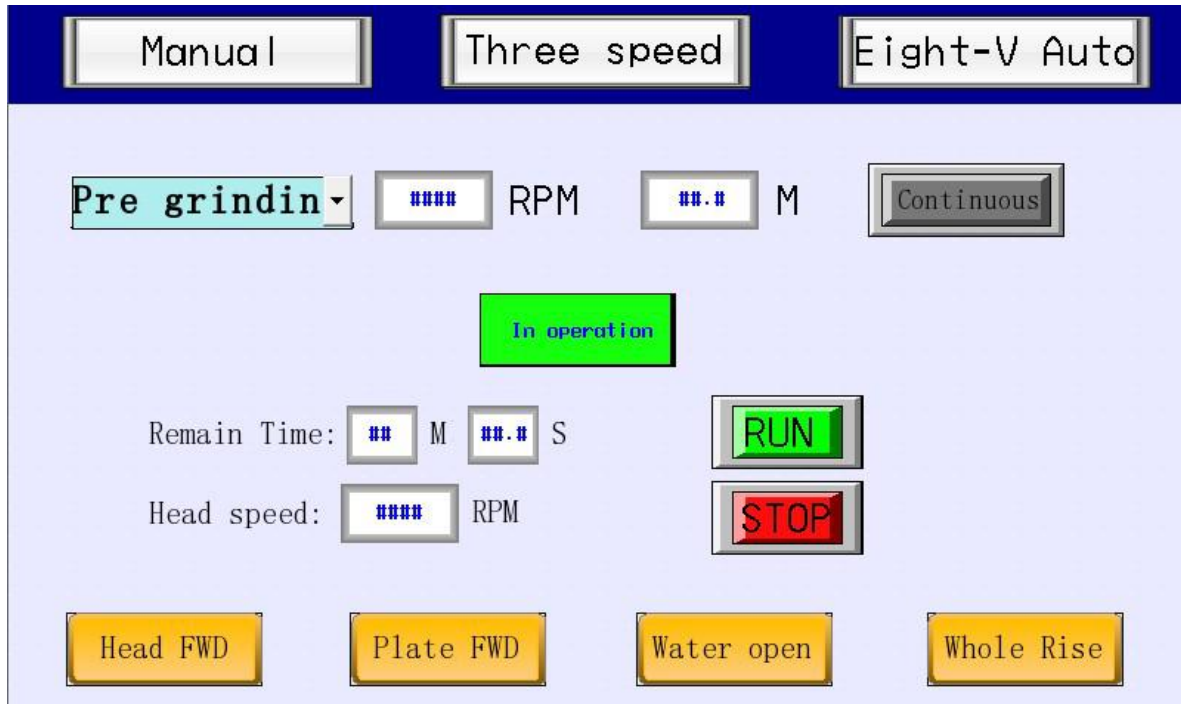


Product Feature:

1. Two working plates, standard plates dimension 254mm, 50% larger than normal grinding-polishing machine
2. Six pieces Φ 30mm samples can be polished simultaneous
3. Single point pneumatic holding, no demo gripper
4. Grinding and polishing procedure (rough and fine) are continuously done, no machine transition
5. Frequency Converter control, three-level constant speed mode and variable Speed mode:
 - 5.1. Three level constant speeds: customer can define three common speeds for pre-grinding, grinding and polishing
 - 5.2. Eight sections programmable control, automatically stop, convenient for customer getting metallographic demos

6. Through the use of solenoid valve to control the water on and off, grinding disc under the automatic spray cleaning device, can clean the inner wall of the tank
7. Easy replacement of magnetic anti-stick disk, you can complete a variety of sample coarse, fine grinding and coarse, fine polishing and other processes, One plate is equivalent to N plates

Main interface of 7" touch screen:



Technical Specifications

| Item | Specification |
|-----------------------------|---|
| Working disc | Standard $\phi 254\text{mm}$ with magnetic disc (option: $\phi 230\text{mm}$, $\phi 203\text{mm}$) |
| Speed of working disc | 100-1000 r/min Support clockwise / anticlockwise direction rotating |
| Three level constant speeds | V1=300r/min, V2=500r/min, V3=800r/min |
| Grinding head speed | 30-200r/min |
| Sample holder | Standard $\phi 30\text{mm}$ 6 pcs of samples (option: $\phi 40\text{-}\phi 50\text{mm}$ 3 pcs of samples, other size can be customized) |
| Automatic mode | Can be programmed eight speed, running time and grinding wheel steering switch |



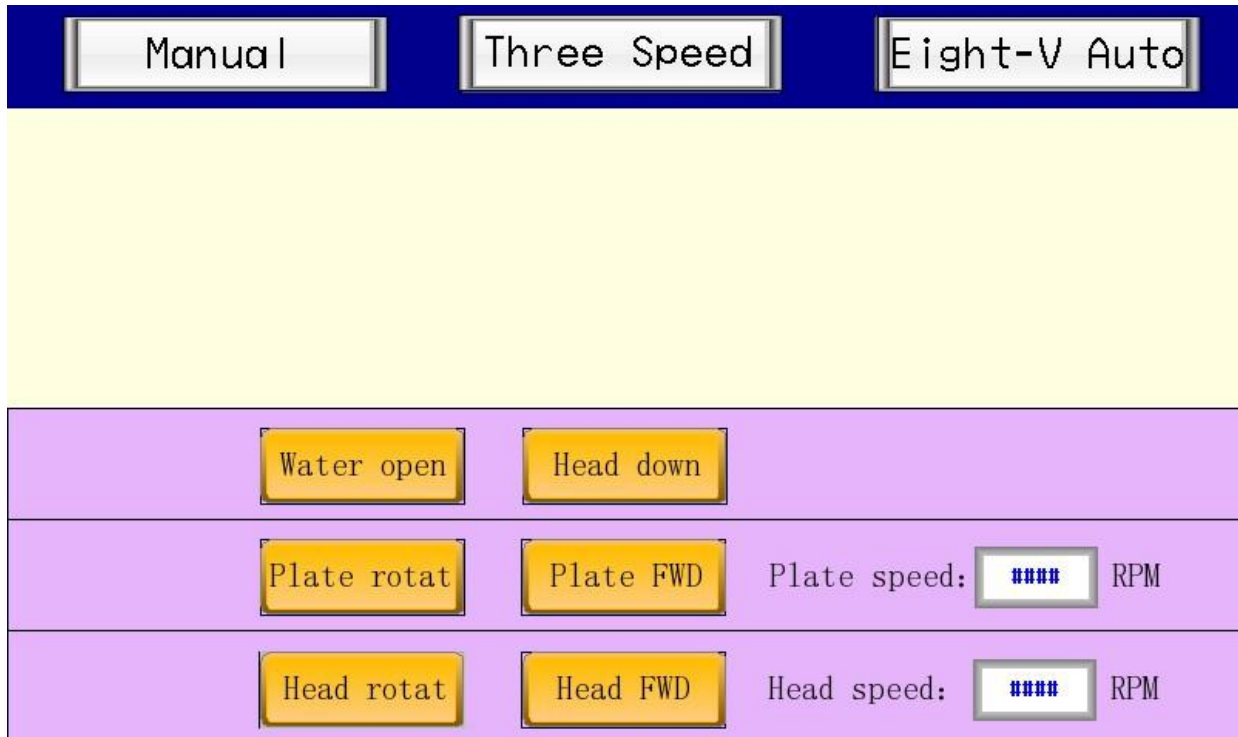
| | |
|-----------------------------------|-------------------------------------|
| Working air source pressure range | Not less 0.8MPa |
| Samples pressure range | 0.3-0.4MPa (not less than 0.3MPa) |
| Power supply | AC220V, 50/60Hz |
| Motor power | 0.75Kw |
| Dimension | 700 x 730 x 350 |
| Weight | 74kg |

Standard Accessory

| Item | Qty | Item | Qty |
|---|-----|---|-----|
| GP-2000A | 1 | Diamond suspension 6 μ m 200ml | 1 |
| Sandpaper with PSA (254mm) 180# | 2 | Polishing cloth with PSA (pile coating) (254mm) | 1 |
| Sandpaper with PSA (254mm) 800# | 2 | Polishing cloth with PSA(canvas) (254mm) | 1 |
| Sandpaper with PSA (254mm) 1000# | 2 | Magnetic disc (254mm) | 2 |
| Waterproof ring (installed on the machine) | 2 | Magnetic disc (254mm) | 2 |
| Water inlet 8mm | 1 | Power line connector(air connector) | 1 |
| Water let 25mm | 1 | Data line (air connector) | 1 |
| Air pump (option) | 1 | Triangular valve | 1 |
| Windpipe 6mmx3m (option) | 1 | Hose clamp 18-32 | |
| hook | 1 | Teflon tape | 1 |
| Rubber pad with strainer | 1 | Fast twist joint SNZ08-04 | 1 |
| Touch pen | 1 | Filter piece (60grit , double-deck) | 4 |
| Technical documents: manual, certificate, warranty card | | | |



Setting Interface:



Support 8 segments programs:

