





marathon Multi 600 How to operate

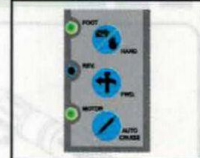
Use for desktop model

- 1** Turn on Power S/W
 - Set on hand control mode when you purchased.
 - Set  to the slowest position.
 - 2** Turn off Hand/Foot Selector S/W LED
 - While the LED is turned off, for hand control with knob.
 - While the LED is turned on, for knee control or foot control.
 - 3** Press Motor S/W
 - only for hand control.
 - 4** Set Speed Control Knob and press foot pedal
 - The accurate rotation speed is displayed on the Speed Display.
 - Rotation speed = displayed digit X 1,000 RPM
 - The rotation speed can be variably controlled within the preset maximum rotation speed according to the degree of depression of the foot pedal.
- Press this button  for reverse direction.
- When you want to finish the work, turn off  after pressing  to stop the motor.



▼ Hand control mode



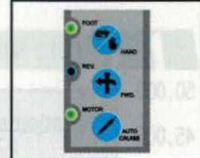
▼ Foot control mode



Use for knee control model


- 1** Turn on Power S/W
 - Without any action, it must be set the control mode with last working mode.
 - 2** Turn on Hand/Foot Selector S/W LED
 - When the Hand/Foot Selector S/W is turned on, the Motor S/W LED is also turned on.
 - 3** Operate knee control panel
 - Depress the knee panel, the motor will run without pressing Motor S/W.
 - The rotation speed can be variably controlled within the preset maximum rotation speed according to the degree of depression of the knee control panel.
- Press this button  for reverse direction.
- When you want to finish the work, turn off  after pressing  to stop the motor.

▼ Knee control mode



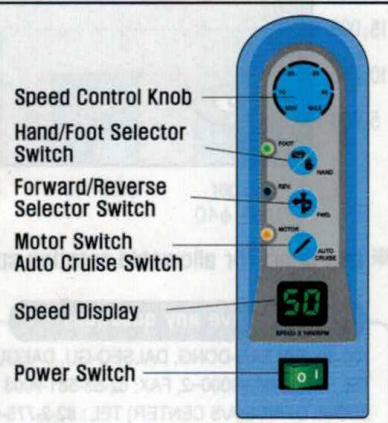
⚠ Caution Do not connect foot pedal for your safety while knee control.

Auto cruise speed system

Press  again while Motor S/W LED lights green color

- The Motor S/W LED will be changed into orange color light.
- If the knee control panel or foot pedal has been maintained for two seconds at a uniform speed, the motor will continue running at desired speed with beep sound even though the knee control panel or the foot pedal is released.
- To cancel it, depress the knee control panel or the foot pedal again or press Auto Cruise S/W again.

▼ Auto cruise mode

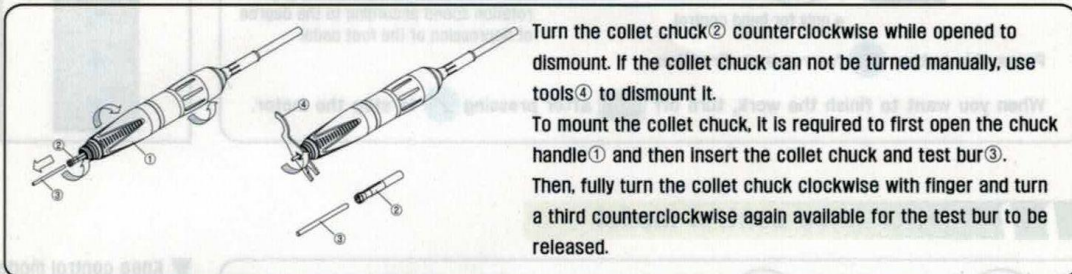


※ For more information, please refer to user's manual.

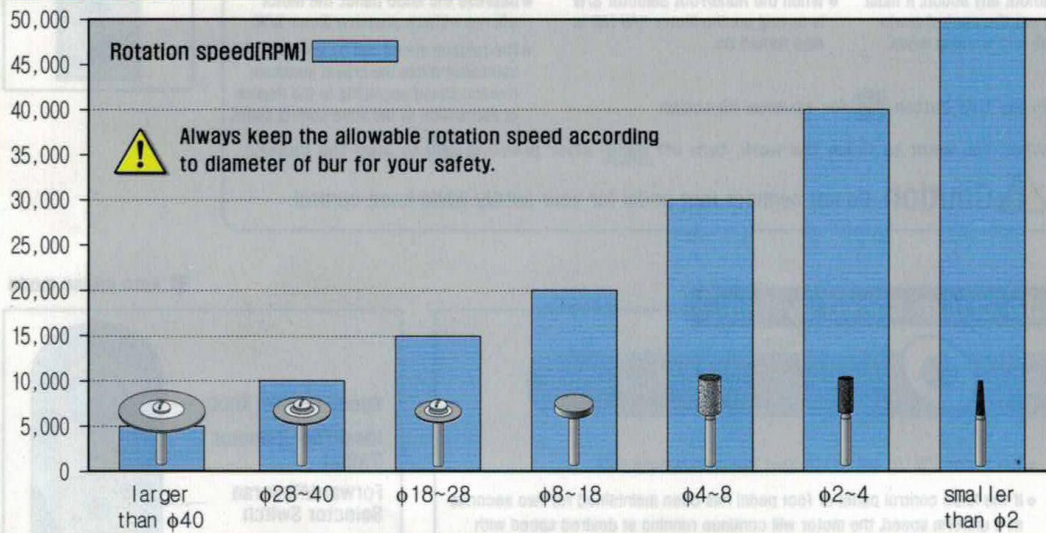
Precautions when using the micromotor

1. Wear safety goggles or a safety shield to protect your eyes or face when cutting or grinding works.
2. Never use bent, asymmetrical or damaged burs. Always use standard burs.
3. The sudden start is dangerous at high rotation speed. Accelerate slowly from low speed to desired speed.
4. Take every possible care not to drop the motor. (It may be damaged ball bearing or weaken durability of the motor)
5. Always keep the allowable rotation speed according to type of bur for your safety even though the motor is fully within the speed range max. 50,000rpm. (Please refer to below a chart for allowable rotation speed)
6. Never try to operate the chuck handle while the motor is in operation.
7. Clean the motor after using.

How to mount and dismount the collet chuck



Allowable rotation speed



※ This chart for allowable rotation speed can be slight different depending on bur materials or types.

Do you have any questions?

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