

# Motor Turbo & E-ASP 1

Power Your Dental Life





- Strong cutting power and stable torque output
- 4 memory program presets monitor speed and direction
- 4 transmission ratio presets offer the versatility to choose the right system to fit your treatment needs
- LCD touch screen and color display provide an intuitive user interface to reduce time spent making adjustments
- The standard four-hole connector of main unit suitable for all types of dental chairs
- Reliable security alarm system



Light intensity adjustment



Memory programmes switching (M1-M4)



Transmission ratio presets (1:5 1:1 16:1 20:1)



Forward/ Reverse



Speed adjustment



## Long-lasting brushless motor with a cooling system

### **More comfortable**

A strong cooling system provides patients with a comfortable temperature in treatment

### **Longer lifetime**

Brushless DC motor lifespan is approximately 6 times higher than the counter brushed DC motor

### **Quieter**

Produce comparatively low operating noise as compared to other motors of the same ratings

### **More efficient**

A very compact and small-sized brushless DC motor provides maximum torque continuously during rotation



#### *LED fiber optics*

- Shines light directly during the preparation, improving visibility tremendously
- Reduces visual fatigue and stress

#### *Durable components*

- Achieve long-lasting performance through repeated sterilization

#### *Ergonomic design*

- Enhances grip for better control

#### *Multi-port spray*

- Keeps the bur cool while whisking debris

#### *Super strong push button chuck system*

- Enhanced bur retention and long-lasting reliability
- Time saving and quick bur change



## Specifications

### Electric Motor

|                            |                      |
|----------------------------|----------------------|
| Model                      | : MotorTurbo         |
| Display                    | : LCD colour display |
| Dimension main unit        | : 130 x 129x 54 mm   |
| Weight                     | : 600 g              |
| Memory programmes          | : M1-M4              |
| Transmission ratio presets | : 1:5 1:1 16:1 20:1  |
| Motor speed range          | : 2000-40000 rpm     |
| Motor torque               | : >1 N·cm            |
| Power cable length         | : 1.5 m              |
| Motor tail wire length     | : 2 m                |

### High-speed Handpiece

|                                    |                               |
|------------------------------------|-------------------------------|
| Model                              | : E-ASP1                      |
| Maximum allowable motor speed(rpm) | : 40000 rpm                   |
| Ratio                              | : 1:5                         |
| Motor connector                    | : Comply with ISO 3964        |
| Chuck type                         | : Push-button chuck           |
| Bur dimension                      | : Bur shank Ø 1.6 m           |
| Optical fiber                      | : Light guide glass           |
| Cleaning/Sterilisation             | : Steam autoclave up to 134°C |