

Operating Instruction

Electric motor



Please read this Operation Manual carefully before use ,and file for future reference

1. Introduction

For your safety and the safety of your patients

These Instructions for use explains how to use your medical device .However, We must also warn against possible hazardous situations . Your safety of your team and of course , the safety of your patients are of paramount importance to us.

Intended use

Electric drive including media supply for dental handpiece in the field of preventative dentistry , conservative dentistry for tasks such as the preparation of cavities and prosthodontics for tasks such as the preparation of crowns.

Qualification of the user

We have based our development and design the medical device on the dentist ,dental hygienist , dental employees and dental assistants target group

2. Responsibility of the manufacturer

The manufacturer can only accept responsibility for the safety , reliability and performance of the medical device if it is used in compliance with the following directions.

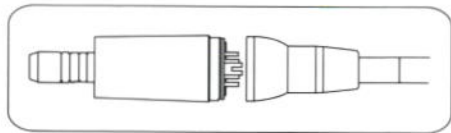
*The medical device must be used in accordance with these instructions for use .

*The medical device has no components that can be repaired by the user. Assembly , modifications or repairs must only be undertaken by an authorized our service partner

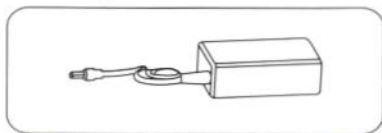
*Unauthorized opening of the equipment invalidates all claims under warranty and any other claim
Main technical indexes:

3. Product Structure

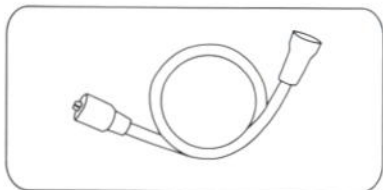
Motor:



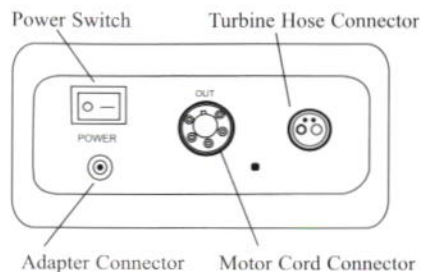
Power adapter:



Motor Cord:



Set Up Diagram:



4.Operation panel instructions



Operation Step

Switch on Power button , the light and speed indicator will light up.

Push the Start/Stop Button , the motor will work on ; It can also control by foot pedal:

Air Pressure: 0.25Mpa -0.4Mpa

Water Pressure: 0.2Mpa -0.4Mpa

Power Supply : 24 V

Mains Voltage : 110-240 V

Select key - “|||”

| | 100 | 1,000 | 2,000 | 2,500 | 10,000 | 40,000 | 200,000 |
|------|--------------|-------|-----------------|-------|-------------------|--------|---------|
| 16:1 | 100-2,500rpm | | | | | | |
| 1:1 | | | 2,000-40,000rpm | | | | |
| 1:5 | | | | | 10,000-200,000rpm | | |

Forward/Reverse Key : Change from forward to reverse operation

Forward : F Reverse: R

Plus/Minues Key : Press the " ^ / v " button to adjust the motor speed.

Note: After switch off the motor ,The light will turn off about 5 seconds later .

5.Attention

1. Power Supply Unit , Please only use the power supply unit supplied
2. Check the medical device and instrument with cable for damage and loose parts each time before using , correct any faults .
3. Always ensure the correct operating conditions and cooling function
4. Follow the instructions and safety notes in the instructions for use of the electric motor
5. Medical electric equipment is subject to particular precautions with regards to EMC and must be installed and put into operation in accordance with the EMC .

6.Transport and storage conditions

Storage conditions: temperature range: - 10 ℃ to 50 ℃;

Relative humidity range: no more than 80%;

Permitted ambient pressure: 50KPa~106KPa.

Transportation: normal mode of transportation is ok, please handle with care.

7 . Maintenance and care

After each use, clean the surface of the motor with brush etc. (Do not use the metal brush), and wipe it with the cotton moistened with disinfecting alcohol.

