

# **E026 Electric Operating Table**

## **Instruction**

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## 1, Description

### 1.1 Use and brief introduction

The product belongs to class I, type B. Non AP or APG device , IPX4 device, continuous device. And possesses application part.

E026 is designed specially to meet the different demands of the market and according to the common advice of users.

Operating table is used for general Ophthalmologic operations, it uses electric hydraulic pressure, and there is a switch to control its elevation (up/down), easy to operating and it is reliable. The operating table is widely used, easy to operate and adjust with reliable performance, which is a ideal table for different hospital.

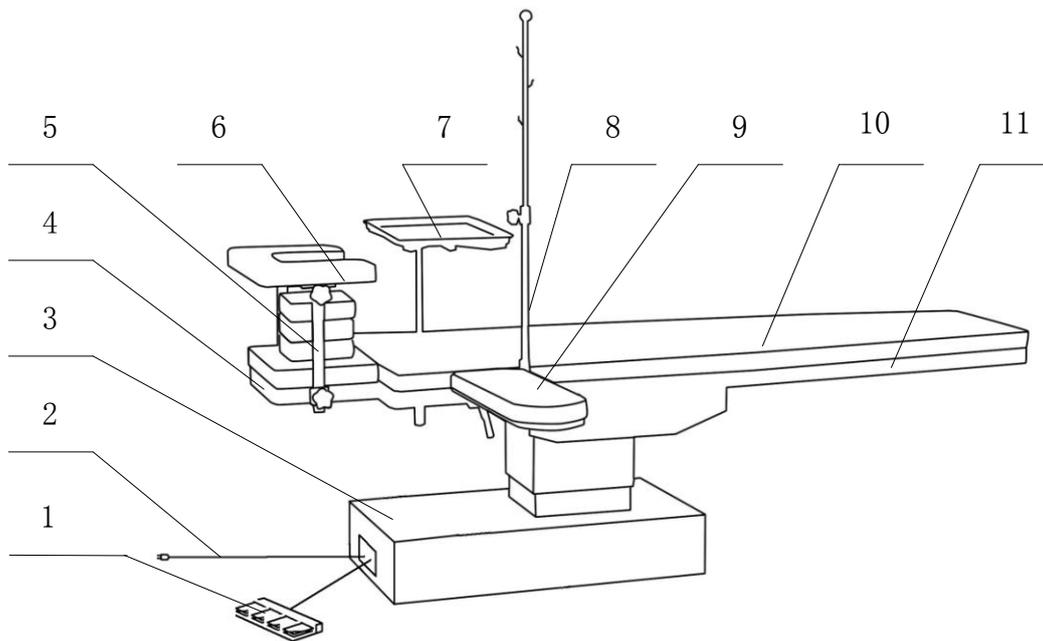
High degree of automation and low noise, reliable, key parts are imported.

Be sure to read the instruction carefully before using, and keep it.

### 1.2 Product formation and feature

#### 1.2.1 Product formation

The operating is formed by head plate、table plate, look at picture 1.



1-switch of the pedal; 2-power line; 3-base; 4-head shelf; 5-cushion of head plate; 6-shelf for doctor; 7- instrument tra; 8-drip stand; 9-arm support; 10-cushion; 11-table plate

**Picture 1 Diagram of structure E026 Electric operating table**

**1.2.2 Feature**

- a) You can adjust the height of the table as you wish (look at picture 1) , convenient for doctors.
- b) The tabletop and base adopt frame construction, the cushion won' t move when the table works, and then you can take the cushion apart from the table for cleanup.

**2 Instruction**

**2.1 General content**

**2.1.1 Basic data**

The technical data should look at picture 1.

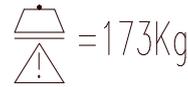
Picture 1 Basic data				Unit: mm
basic data	Length	Width	Highest and lowest height of tabletop	Distance of elevation
Model	L	B	h min	s
E026	≥1900	510±20	500±50	≥300

**2.1.2 Gorss weight, net weight, volume**

Gorss weight :350 kg, net weight :300 kg, volume: (L×W×H) 2100 mm×750 mm×740 mm.

**2.1.3 Safe working load**

he safe working load of the table is 173kg (Look at picture 2) , back plate is 50kg, buttocks plate 98kg, leg plate is 25kg, to ensure safe operations.



Picture 3 :control panel

**2.2 using attentions:**

**2.2.1 attention**

- a) The table should be kept in a clean place, never put it in the places where influenced by atmospheric pressure, temperature, humidity, aeration, sunshine ,or dust and sulfur.
- b) Be careful when you transport the table
- c) The table should be kept separately from chemicals.
- d) Please pay attention to the supply frequency、electric tension and nominal impedance;
- e) Should choose anti-static cushion.

**2.2.2 Attentions:**

- a) Please read the instruction before using. People who doesn' t know the operating method is forbidden to use.
- b) Check the switch , and be sure they can work.
- c) Please confirm all the power line are connected aright, safely;
- d) When it work with high frequency surgical equipment, the equipment should comply with GB9706.1.

**2.2.3 Using attention:**

- a) Please check the operating table from time to time;
- b) Once found it is out of work, please stop using.
- c) Make sure that the patient won' t touch the table.
- d) Please don' t take them down when they are out of work, and contact the serviceman in time ;
- e) When change the fuse, you should turn off the power;
- f) It should be separated from the magnetic field when using.

### 2.2.4 attention after using

- a) To return to the former condition, and turn it off, cut off the electricity supply;
- b) Put the telecontroller in the right place;
- c) Clean the table after operations.

### 2.3 Cleanout, disinfection and sterilization

Turn off the power after operations , the cushion should be cleaned twice by 75% alcohol and then use disinfectant and ultraviolet radiation for sterilization.

### 2.4 Method of operation

#### 2.4.1 Preparations before using

- a) electric tension:110V、frequency :60Hz;
- b) No objects exist that affect the operations;
- c) Confirm if all the power lines are connected well, the switch is in " 0" condition;
- d) Move the table to the right place you need;
- e) Connect the telecontroller with the table;
- f) Please check the power supply before turning it on;
- g) Lock the base of the table;
- h) The table adopts short-time work, attention: never press one button over 2min.

#### 2.4.2 operating method

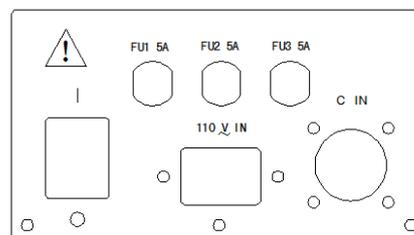
There is rail on the both side of the table, you can use the fixing clamp the set up all the accessories.

#### 2.4.3 Functions of pedal

- a)  elevation(up) of the tabletop;
- b)  elevation(down) of the tabletop;
- c)  base-locking;
- d)  base-loosen

#### 2.4.4 Picture of control panel

- a) power supply jack:110V  
IN AC socket;
- b) Switch " | " means " ON"  
" 0 " means " OFF "
- c) fuse: 5A;
- d) C IN means jack;
- e)  Attention.



Picture 3 control panel

### 3 Maintenance

3.1 Users should check the table and maintain it from time to time.

3.2 When the table hasn't been used for long time, you need to check it before using.

**3.3** There is enough oil in the oil pump when leave the factory. If you find the oil is not enough, you can add N46 oil.

**3.4** In order to prolong its using life and keep it in a good condition, you need to pay attention to the daily maintenance and add lubricant oil.

**3.5** You cannot use caustic cleaner to clean the cushion after operations.

**3.6** Please lower the lowest position after using.

**3.7** When it cannot work any more, the scrap of the equipment should comply with legal regulations.

#### **4 Main technical data and working environment required**

##### **4.1 input power**

Input power of the table:650VA.

##### **4.2 working environment requirement**

a) temperature: 10°C~40°C

b) relative humidity:  $\leq 80\%$

c) atmospheric pressure: 760hPa~1060hPa

##### **4.3 power requirements**

a) supply voltage : $\sim 110V \pm 10\%$ ;

b) supply frequency:  $60Hz \pm 2\%$ ;

c) Power capacity:  $\geq 1kw$ ;

##### **4.4 Transportation and storage requirement**

It could be stocked more than 15 weeks as follow conditions:

a) temperature: -30~55°C

b) relative humidity:  $\leq 95\%$

c) atmospheric pressure: 500~1060hPa

d) stock in a ventilated place

#### **5 Common problems and solutions**

##### **5.1 attention**

a) All the electric elements , hydraulic elements and oil pump are in the base of the table. When you repair them, you should open the cover of the base firstly, make sure you have cut off the electricity and power before doing this;

b) Method of open the base: adjust the tabletop to the highest position, screw off the screw, and then take it apart from the table;

c) When you open the cover, Please remove the collet of line pipe firstly;

d) Screw off the 4 screws, take t, adjust the tabletop to a little higher, and lock the base, then you can start repairing.

##### **5.2 Common problems and solutions**

a) Wrong operations

problem: when you press only one button, but over one action worked

cause: the elements of the base become damp.

Solution: use gauze to dry it, and adopt 300V blow drier .

The table cannot work:

cause1: disabled fuse .

cause2: the jack of telecontroller has loosen.

solution1: replace fuse

solution 2 connect the power of telecontroller with the table again

b) Some buttons cannot work:

Cause 1: the button are out of work.

Cause 2: the jack didn' t connect well.

Solution: you can replace the buttons or jack

c) Oil is not enough

Problem: the tabletop cannot rise to highest position.

solution: open the oilcan, add the oil to the 3/5 of the total volume.

### 6 Packing list 3

Picture 3 Packing list

NO	Name	quantity	NO	Name	quantity
1	Tray for doctor	1 piece	7	Pad for head	3 piece
2	Tray for doctor pad	1 piece	8	cushion	1 set
3	Drip stand	1 piece	9	Pedal controller	1 piece
4	Arm support	1 piece	10	Power line	1 piece
5	instrument tray	1 set	11	Oilcan	1 piece
6	Fixing clamp	4 piece	12	Instruction	1 piece

### 7 Diagram of hydraulic pressure

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