

# Examination Table EL-ET200 Manual



 **ELPIS MEDICAL**

# Examination Table EL-ET200 Manual

## Table of contents

### 1. Safety Information

- 1.1 Explanation of symbols
- 1.2 Explanation of General Danger
- 1.3 Special User Attention

### 2. Description of Device

- 2.1 Feature
- 2.2 Structure
- 2.3. Specification
- 2.4. AC POWER SOURCES

### 3. How to use

### 4. Repair and Inspection








### 5. Warranty

# Examination Table EL-ET200 Manual

## 1. SAFETY INFORMATION


READ ALL USER'S MANUAL BEFORE USING.


### 1.1 Explanation of symbols

Symbol	Definition
	The exclamation point with the triangle is to alert the user to the presence of important operation and service instruction in the literature
	The lightning flash in the triangle is intended to alert the user to the presence of dangerous voltage within the product enclosure that is of sufficient magnitude to constitute a risk of electrical shock
	The Type B applied part symbol indicates
	This symbol indicates the location of the fuse 1.5A 250V
	Protective earth (ground)
	"ON" / "OFF" (push-push) NOTE Each position, "ON" or "OFF", is a stable position.
	Follow operation instructions "Follow instructions for use"


# Examination Table EL-ET200 Manual


## 1.2 Explanation of General Danger

	<b>DANGER</b>
<p>To reduce the risk of electrocution:</p> <ol style="list-style-type: none"><li>1) Do not place in or drop into water or other liquid.</li><li>2) Do not reach for product that has fallen into water, Unplug immediately.</li></ol>	

	<b>DANGER</b>
<p>The Unit is an electric universal operating table designed for being used in operating room for various surgery operation only. Improper use during medical applications can cause injury or death.</p>	

## 1.2 Explanation of General warning

	<b>WARNING</b>
<p>To reduce the risk of burns, electrocution, fire or injury to persons:</p> <ol style="list-style-type: none"><li>1) Use this product only for its intended use as described in this guide.</li><li>2) Never operate this product if:<ol style="list-style-type: none"><li>a. It has a damaged power cord or plug.</li><li>b. It is not working properly.</li><li>c. It has a damaged power cord or plug.</li><li>d. It is not working properly.</li><li>e. It has been damaged.</li></ol></li><li>3) Keep the power cord away from heated surfaces.</li></ol>	

	<b>WARNING</b>
<ol style="list-style-type: none"><li>1. please use according to the intended use</li><li>2. Do not modify this equipment without authorization of the Manufacturers</li><li>3. Electromagnetic interference can adversely affect to other equipment.</li><li>4. Mutual interference can be caused with other equipment.</li><li>5. Do not use where it is hard to remove electric power.</li><li>6. If this equipment is modified, appropriate inspection and testing must be conducted to ensure continued safe use of equipment</li></ol>	

# Examination Table EL-ET200 Manual



## SPECIFIC WARNINGS

TO REDUCE THE RISK OF ELECTRICAL SHOCK OR INJURY TO PERSONS, DO NOT DISASSEMBLE THIS UNIT.

Disassembly or attempted repairs if accomplished incorrectly can create electrical shock hazard. Only qualified technicians should perform servicing of this electric universal operating table.

For all medical applications:

- 1) The operation should be in strict accordance with appropriate procedures that have been established by a licensed medical authority.
- 2) All attachments or accessories should be checked prior to use to use to assure proper fit.



This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

### 1.3 Special User Attention

The extreme positioning capabilities of the EL-ET200 table requires special attention for possible interference points when using multiple function positioning. As with the operation of any surgical table, a certain amount of care should be exercised to position the patient safety.

Although the thick pads and sheets substantially protect the patient, pinch points, located at the joints of the top section should always be considered. **BE SURE THAT THE ARMS, HANDS AND FINGERS OF THE PATIENT AND THOSE OF THE OPERATING ROOM PERSONNEL ARE CLEAR OF ALL MOVING PARTS BEFORE OPERATING THE TABLE.**

Proper restraints should always be used for patient safety.

Certain accessories such as drain tray, arm rest can be damaged when changing the position of the table top sections. Always look first to

# Examination Table EL-ET200 Manual

see if a desired movement is going to interfere with any accessories in use.

The operator has the ultimate responsibility of preventing damage to the table and surrounding equipment or possible injury to the patient or staff. In general, common sense will dictate when there is a potential hazard.

The following precautions should be reviewed by all personnel prior to operating the table.



## WARNING

- 1) Indicates a possibility of personal injury.
- 2) Risk of electrical shock. Make sure power cord is disconnected prior to accessing fuses.
- 3) Do not unlock brakes when a patient is on the table. An uneven patient weight load may cause instability.
- 4) To maximize patient safety, utilize proper restraint methods during extreme lateral tilt positioning or trendelenburg positioning.
- 5) To maximize patient safety, utilize proper restraint methods during extreme lateral tilt positioning or trendelenburg positioning.
- 6) The leg section may hit the table base if both the leg and elevation system are placed in their full down position.
- 7) Always check before control, who does touch the moving parts under the back section by hands.



## CAUTION

- 1) Indicates a possibility of damage to equipment.
- 2) Should be taken when cleaning the table to prevent excessive fluids entry into electrical connector.
- 3) Do not use cleaners containing phenolics.
- 4) Before replacing pads on the table, make sure the pads and all mat surfaces are completely dry.

# Examination Table EL-ET200 Manual



## NOTE

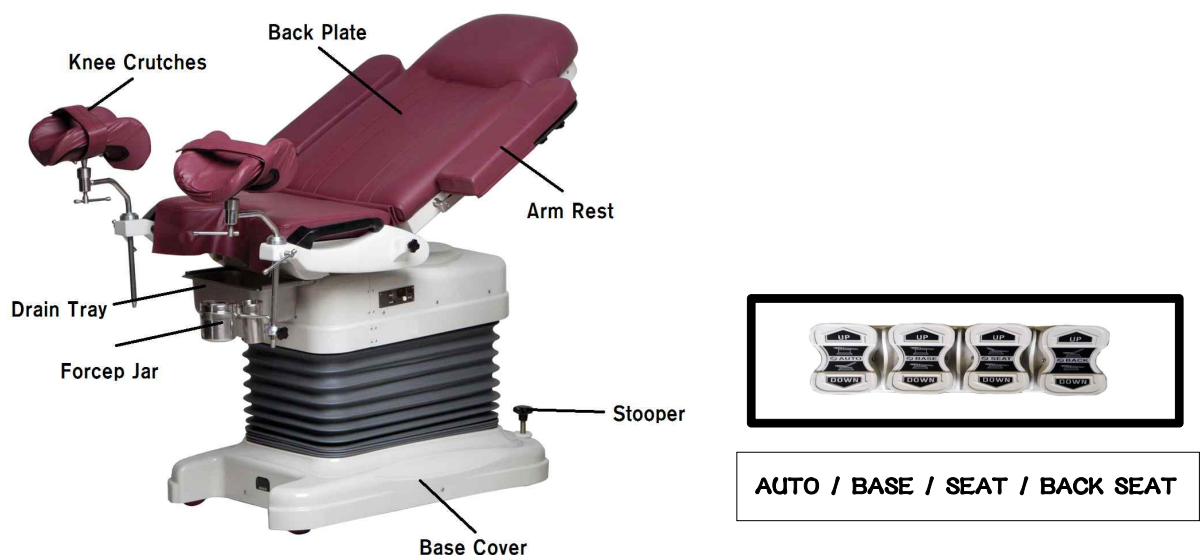
- 1) Indicates important facts or helpful hints.
- 2) Always ensure proper cleaning and disinfection procedure.

## 2. Description of Device

### 2.1 Feature

Product Name	Electric Examination /Gynecology Table
Model Name	EL-ET200
Introduction	This is one foot touch type and has a height/angle adjusting sensor. The base is made of a special ABS material which does not rust. It has a special aluminium material at upper panel, so it is very clean, and the mattress part has a good cushion, so it is very comfortable.
Usage area	Examination, Obstetrics and Gynecology

### 2.2 Structure



# Examination Table EL-ET200 Manual

## 2-3 Control Panel Reference



## 2-4 POSITION



Back section :  $-5^{\circ} \sim 60^{\circ} \pm 10^{\circ}$



Hip section :  $0^{\circ} \sim 20^{\circ}$

## 2.5 AC POWER SOURCES



**CAUTION**

Used with a power supply allowing operation on AC voltage (220VAC, 60Hz).



# Examination Table EL-ET200 Manual

## 2.6 Specification

Table top dimension	680mmW × 1270mmL												
Height adjustment	510mm to 1030mm												
Back section	-5° ~ 70° up/down												
Seat section	0° ~ 20° up/down												
Elevating system	Electro hydraulic												
Power source	220VAC, 60Hz												
Accessories	<table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">1. Foot controller</td> <td style="text-align: right;">1 ea</td> </tr> <tr> <td style="padding-left: 20px;">2. Knee clutch</td> <td style="text-align: right;">2 ea</td> </tr> <tr> <td style="padding-left: 20px;">3. Arm rest</td> <td style="text-align: right;">2 ea</td> </tr> <tr> <td style="padding-left: 20px;">4. Screen frame</td> <td style="text-align: right;">1 ea</td> </tr> <tr> <td style="padding-left: 20px;">5. Drain tray</td> <td style="text-align: right;">1 ea</td> </tr> <tr> <td style="padding-left: 20px;">6. Power cord</td> <td style="text-align: right;">1 ea</td> </tr> </table>	1. Foot controller	1 ea	2. Knee clutch	2 ea	3. Arm rest	2 ea	4. Screen frame	1 ea	5. Drain tray	1 ea	6. Power cord	1 ea
1. Foot controller	1 ea												
2. Knee clutch	2 ea												
3. Arm rest	2 ea												
4. Screen frame	1 ea												
5. Drain tray	1 ea												
6. Power cord	1 ea												

Operation condition	Temperature : 0 ~ 40°C Humidity : 30 ~ 80%RH Atmospheric : 700 ~ 1060hPa
Transport and storage	Temperature : 0 ~ 40°C Humidity : 30 ~ 80%RH Atmospheric : 700 ~ 1060hPa

# Examination Table EL-ET200 Manual

## 2.7 FAILURE DIAGNOSIS

Item	Possible Cause	Measure
1) Connect the power plug and the control panel when the lamp is not lit	1) Not power supply 2) Power cable defects 3) Indication Lamp defects	1) Check the power outlet. 2) Check the bottom of the main body of the fuse. 3) After checking the cable line repair or replacement. 4) Check the lamp and replace the fuse.
2) Power is supplied to the lamp lights, but when the machine is not working	1) Connecting a foot switch line unstable	1) Connector replacement.
3) Other failure, please get in touch with our After Services team.		

## 3. How to use

### 1). Operating

#### (1) AUTO

**UP:** Adjust one touch control to the memorized position of the body and at the same time, the seat back goes down to the lowest position automatically.

**DOWN :** Adjusts one touch control to the lowest position, and at the same time, the seat back goes up to the highest position of the body automatically.

#### \*\* Position memory method

Adjust the wanted position after push the AUTO UP foot control pedal, push the SAVE button on the assist control panel until the sound beep.

# Examination Table EL-ET200 Manual

## (2) BASE

UP : Adjust base height from the lowest to the highest

DOWN : Adjust base height from the highest position.

## (3) BACK

UP : Adjust the seat back angle to the highest position

DOWN : Adjust the seat back angle to lowest position

## (4) SEAT

UP : Adjust the seat angle to the highest position

DOWN : Adjust the seat angle to the lowest position



## Warning

- (1) You should fully understand how to use this.
- (2) Please check whether or not it is proper voltage.
- (3) Fix the base of the body by using the base fixing bolt, and check to see if it is moving or not.
- (4) Before and after operating, please turn off power switch.

## 4. Repairs and inspections

- 1). Connected the power plug, but it doesn't work.

Please check before every use

- (1) Check the power outlet and voltage.
- (2) Check the fuses
- (3) Check the wiring.
- (4) Check the foot controller

- 2). If don't go up and down or move smoothly

Please check every 6 months

# Examination Table EL-ET200 Manual

- (1) Check the cylinder ring or piston rubber ring to see whether it is worn out or not.
- (2) Check the solenoid valve
- (3) Check the solenoid electronic coil.

## 5. Warranty

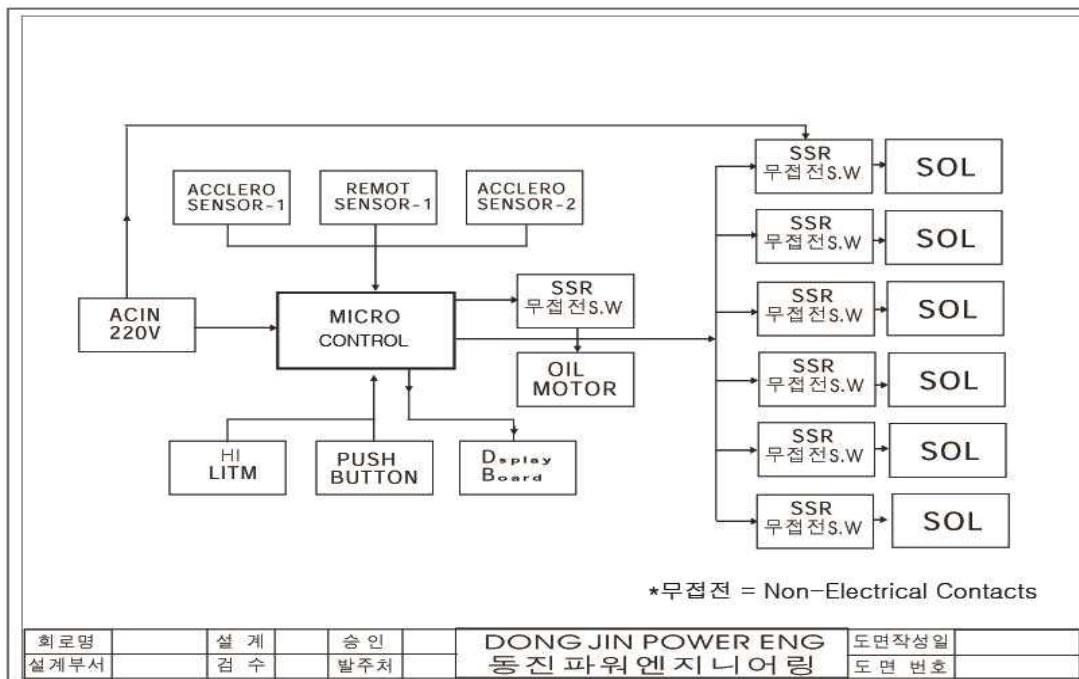
Two years limited warranty

Examination is warranted to be free from defective workmanship and materials for a period of two years from date of purchase and six months on accessories.

Any defective part(s) will be repaired or replaced if the unit has not been tampered with or used improperly during that period. Make certain any

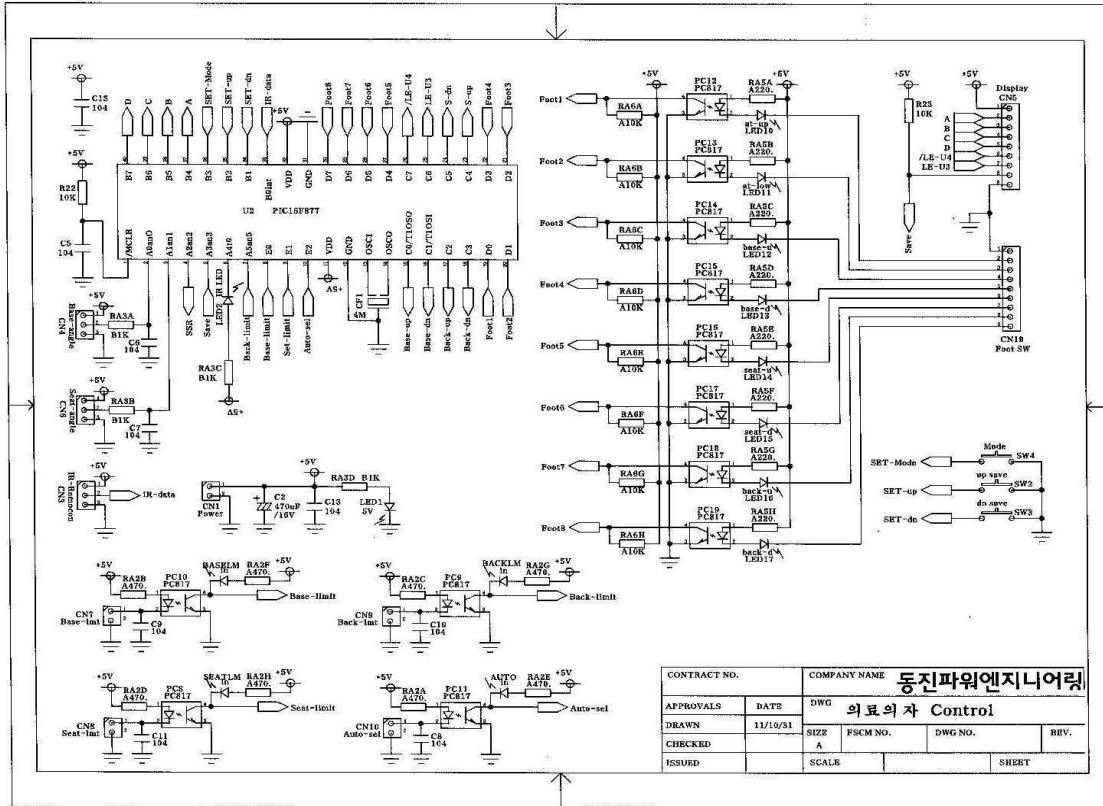
malfunction is not due to inadequate cleaning or failure to follow the instructions. If repair is necessary, please contact you medical equipment dealer.

## 6. Action Diagram



# Examination Table EL-ET200 Manual

## 7. MAIN PCB



Elpis Medical Co., Ltd

Address : 16, Saam-gil, Dongnae myeon, Chuncheon-si,  
Gangwon-do, Korea

Tel : +82-33-262-0340 / FAX : +82-33-262-0349