

Surgical Instrument(LS-2003) - Liposlim

INSTRUCTION FOR USE

Writing	Review	Approval

- For accurate and safe use, read the instruction manual carefully before use.
- It helps when there are any questions or checks during use.
- Be sure to read and use stability precautions accurately.
- Please make sure to keep it well after reading it.

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Composition of the product



Main body



Handpiece



Cannula (sold separately)



Foot switch



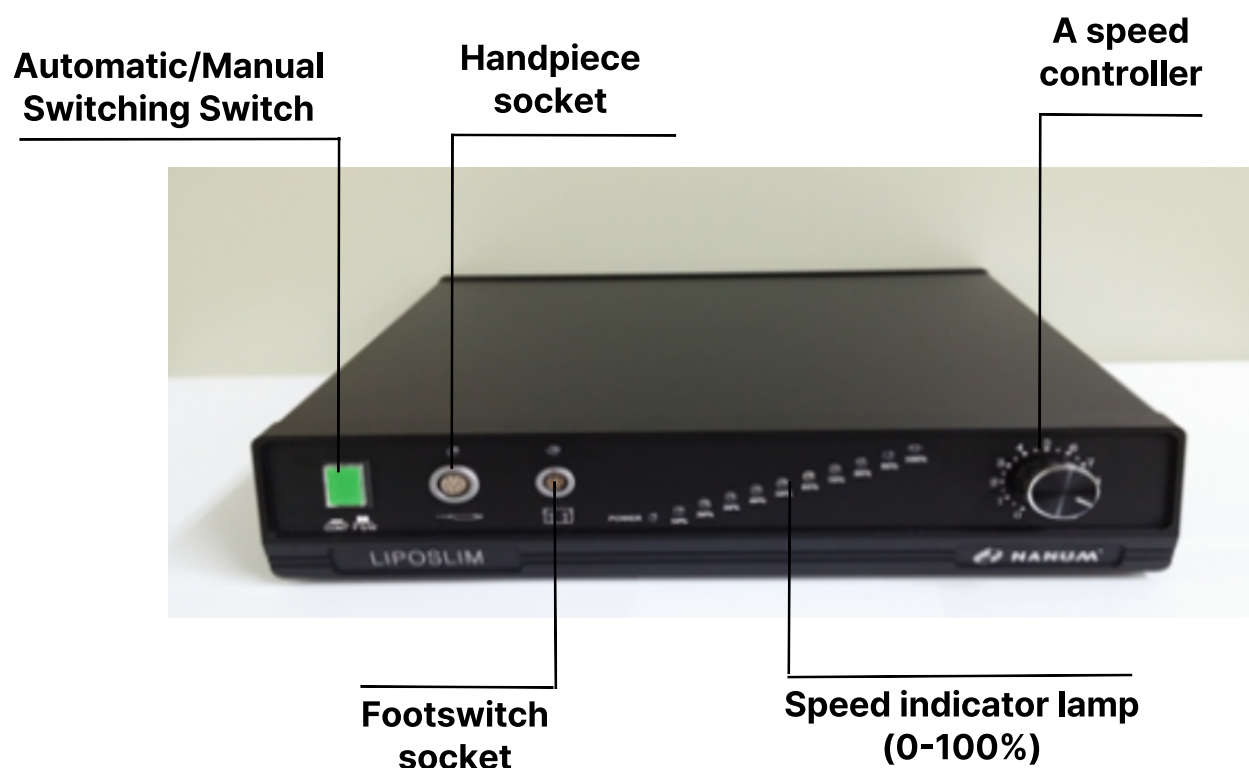
**Handpiece
cable**



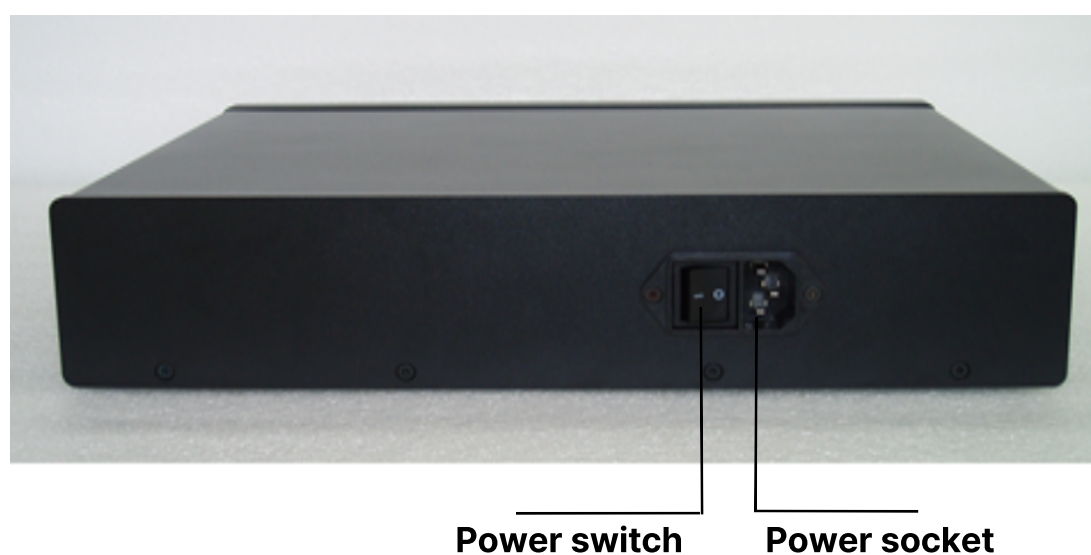
Power cable

Key name of product

1. Front side



2. Back side



How to use and precautions

• Purpose of use

This device is a device used to puncture and discharge tissues in the body.

• Pre-use Preparations

1. Check the power supply voltage (220V).
2. Check the connection status and polarity of the switch, and make sure that the device is operating correctly.
3. Make sure that the earth on the outlet is fully connected.
4. Make sure that the entire cord is connected correctly and completely.
5. Use sufficient care because the combination of devices obscures accurate judgment or creates risks.
6. No device shall be used except by skilled persons.
7. Use the instruction manual after fully understanding it.

• How to use it and how to operate it

1. Connect the power plug.
2. Turn on the power switch (ON)
3. Select the Auto/Manual menu.
 - *Automatic/Manual Switch
 - Manual switch: When used as a foot switch
 - Automatic switch: When used in continuous mode (the automatic/manual switch on the main body turns on)
4. Connect the handpiece socket/foot switch socket.
 - *When connecting the jack, do not apply excessive force or rotate the marking points (red) together.
 - *When connecting and disassembling, be sure to hold the top of the socket and use it.
(Main cause of failure when holding cables and connecting and disassembling)
5. Turn on the speed regulator by rotating it to the right.
6. Step on the foot switch and activate the handpiece.
7. Slowly increase the speed to 80% of the maximum speed, drive for 3-5 minutes, and stop.
 - *A speed regulator/speed indicator lamp
 - Proper speed during surgery: 70 to 80% (3,500 to 4,000 rpm)
8. Adjust the speed by volume.
9. Turn off the power switch after use.
10. Disconnect the power plug from the commercial power source.

How to use and precautions

• How to store and manage after use

1. Keep it away from the water.
2. Keep clean at room temperature.
3. Make sure to unplug and store the power cord when not using the equipment for a long time.
4. After use, take measures with cleaning and sterilization methods and store them.
5. Store in a place that is not exposed to corrosive gases.
6. Keep it free of moisture or dust.
7. In the event of an abnormality in the device, contact the nearby sales office or service center.
8. In order to preserve the device in the best condition, regular inspections are conducted in the specified manner.
9. Never break the cable (handpiece, foot switch) and keep it rolled up.

• Cleaning and sterilization

1. Cleaning Method
 - Wipe the console with a soft cloth coated with neutral detergent.
 - The discharge passage of the handpiece is separated from the handpiece, rubbed with a cleaning brush, cleaned, and sterilized.
2. Sterilization Method and Conditions
 - The drain pipe of the handpiece is removed from the handpiece and sterilized with high pressure steam like the handpiece.
(sterilization conditions: 132°C, proceed for 10-15 minutes at 1kgf/cm² pressure, excluding body and foot switch)

• Precautions for Use

1. It should not be used at extremely low or high temperatures.
2. The equipment should not be modified in any other form.
3. If abnormalities are found in the device and the patient, appropriate measures, such as keeping the patient in a safe state and stopping the operation of the device, are taken.
4. No device shall be used except by skilled persons.
5. If it breaks down, mark it where it is appropriate and leave it to a professional to repair it.
6. It should not be used outdoors, in sprays, or in enclosed places using oxygen.
7. Disinfect the handpiece separately from the other surgical instruments and store it in a dedicated container.
8. Do not bend the cables (handpiece, foot switch) and make sure to roll them up and store them.
9. Handpieces should never be washed with water.

Measures and routine inspection in case of product failure

1. When the power is off

-Make sure that the power cord is plugged in well and that the main switch is set to ON.

2. When the foot switch is not operating

-Contact the A/S center after switching to an automatic switch.

3. How to clean and store handpiece

-Remove the suction tube and the silicone tube and clean them frequently.

(Replace the silicone tube when the transparency decreases.)

-Store in a dedicated case.

4. Note that disassembly or modification of equipment may cause failure.

• Related Inquiries on Side Effect Reporting

- Korea Medical Device Safety Information Service (080-080-4183)

Product Specifications and Descriptions

1. Product Specifications

- Rated voltage: 220 V, 60 Hz
- Power consumption: 50W
- Maximum round trip: 5,000 rpm
- Maximum stroke: 2.5mm + 1mm Rotation

2. Product Description

- Product name: Surgical Instrument
- Model name : LS-2003
- Trade name of manufacturer: Nanum Company Co., Ltd
- Manufacturer's address: 5, Gomo-ro 41-gil, Suseong-gu, Daegu, Republic of Korea
- Manufacturer's Contact: TEL)053-795-7076-7 / FAX)053-795-7078
- Manufacturing business license number: No. 4869
- Item license number: Jaeheo No. 04-355
- Weight: 2.3 kg
- Packaging unit: Large/BOX

* This product is a medical device