

Electric drug injection pump
(AI-2006)

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



Mainbody



Cannula



Handpiece



Tube



Foot switch



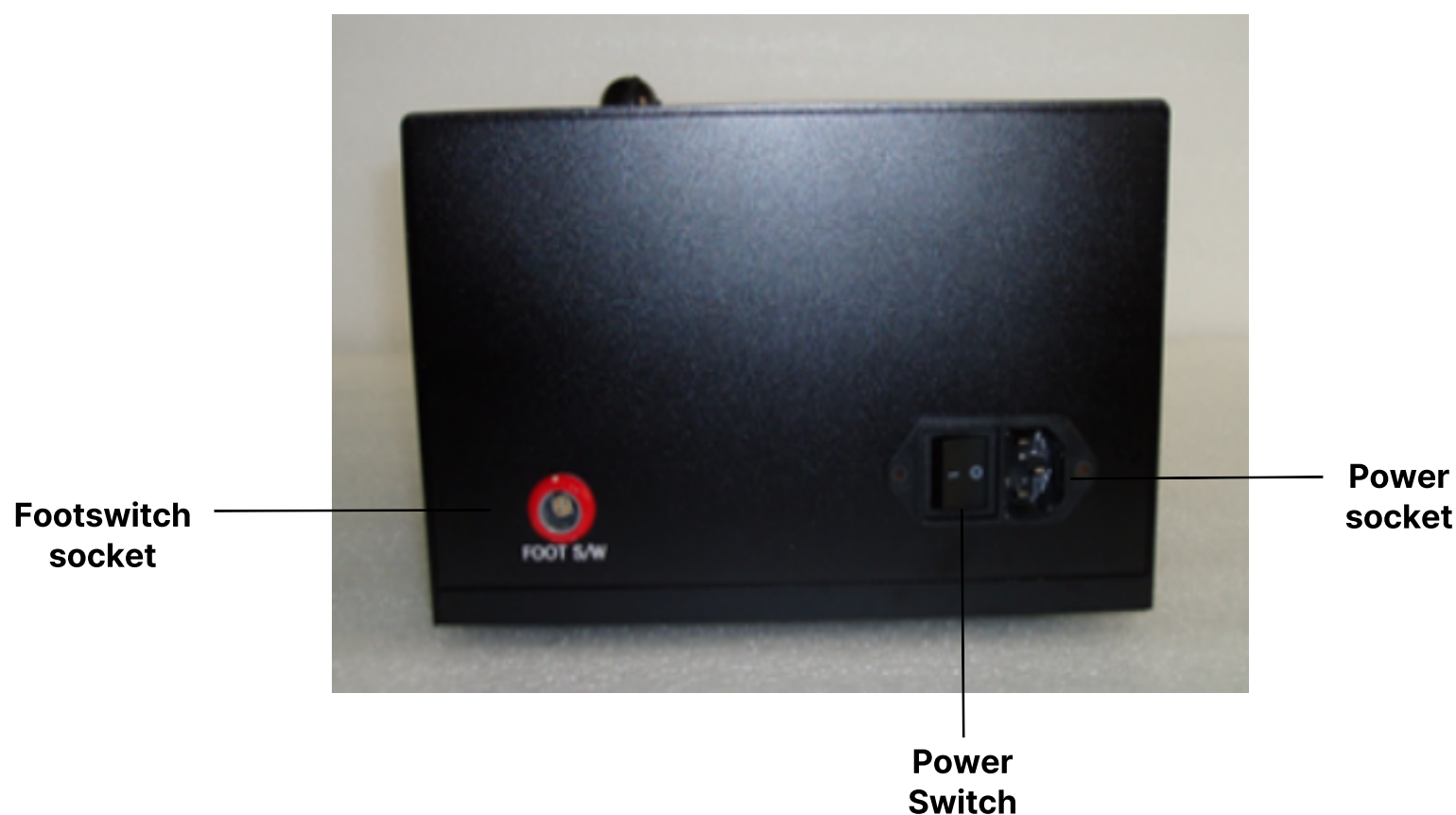
Power cable

Key name of product

1. Front side



2. Back side



How to use and precautions

- **Purpose of use**

Electric appliances used to prepare a certain amount of medicinal fluid for patients

- **How to use it and how to operate it**

1. Connect the power to the device.
2. Connect the foot switch to the instrument.
3. Open the top cover of the roller and place the cell line tube on top.
 - Point the tube to "IN" on the side connected to the cell line bag and gently push the side connected to the handpiece to "OUT" and insert it into the groove.
4. Close the top cover of the roller with the locking lever.
 - *Tube mounting part
 - After mounting the tube, press the locking lever to the end with a little force.
5. Turn on the power switch.
 - *A power indicator lamp
 - When powered, the light turns on.
6. Step on the foot switch to actuate the roller.
 - *Automatic/Manual Switching Switch
 - F'S/W Mode: When used as a foot switch
 - CONT' Mode: Used for consecutive injections
7. Adjust the flow rate appropriately with a speed regulator.
 - Adjustable speed from 0 to 10

How to use and precautions

• Precautions for Use

1. Use rated power.
2. When installing the tube, be sure to secure it with a locking lever.
3. It should not be used if the power cord is damaged.
4. The device should not be modified arbitrarily.
5. Do not put heavy objects on the device.
6. The power cord and the foot switch cable shall not be forcibly folded or twisted.
7. Do not use combustible materials and firearms in close proximity.
8. Make sure to unplug the power cord from the outlet when not in use for a long time.
9. Make sure to remove the power cord from the outlet when cleaning.
10. Do not use wet hands to plug the power cord into and out of the outlet.
11. When connecting the foot switch, fit the contact mark points together, and do not connect while turning with excessive force.
12. When disassembling the foot switch, be sure to pull the front of the contactor lightly to remove it.

• Storage method

When not in use for a long time, store it in a place where no adverse effects are caused by air pressure, temperature, humidity, ventilation, sunlight, dust, salt, etc.

Measures for failure and daily inspection

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.
- Check the short circuit of the fuse.

2. When the foot switch is not operating

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

3. After use, the handpiece and cannula are cleaned and stored separately.

4. Keep the tube and foot switch in a round shape without bending.

• 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: 70W
- Maximum number of rotations and adjustment range of the motor:
300 rpm $\pm$ 10, 0 to 300 rpm
- Maximum discharge and control range: 660cc/min $\pm$ 10, 0~660cc/min
- Disinfecting method: Sterilization at 132°C for at least 10 minutes (excluding body and foot switch)
- Injection amount according to speed control (cc/min)

Speed	Infusion volume	Speed	Infusion volume
1	30	6	450
2	85	7	540
3	170	8	600
4	260	9	630
5	350	10	660

2. Product Description

- Product name: Pharmaceutical injection pump
- Model name : AI-2006
- 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: Jane 06-446
- Weight: 5 kg
- Packaging unit: Large/BOX

※ This product is a medical device