

Instruction Manual



Bidet Enema is medical use electric warming Irrigator with bimetallic thermostat. This instrument warms water or liquid safely with a small electric power and keeps it warm. A built-in warming system does not pollute the air in the room, and it is easy to use. Main body (container) is light-weight and sturdy, made of polyethylene, and have superior durability, chemical resistance, electrical isolation resistance. It has simple and compact design and easy installation and movement are possible.

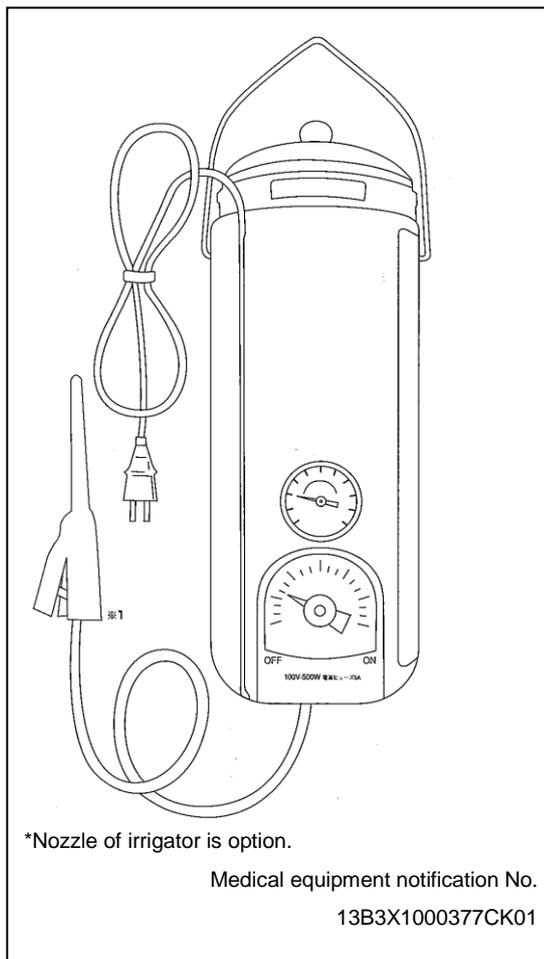
General medical instrument (class I)

Thank you for your purchasing our products this time.

Please read this instruction manual before use, and keep it handy for future reference.

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*Nozzle of irrigator is option.

Medical equipment notification No.
13B3X1000377CK01

Precautions

This instruction manual describes proper technique and precautions for use of “Electric warming Irrigator”. Please read carefully before use, in order to make use of the functions of this instrument.

- ◆ We are not responsible for any defect or malfunction due to your invalid operation and the situation may occur beyond the responsibility in manufacturing due to being used for purposes other than the original intent. Please understand in advance.
- ◆ The contents described in this instruction manual are subject to change without notice.
- ◆ Although we take all possible measures to ensure the contents of this instruction manual, if there is any cause to suspect foul play and error, please advise the following. (May 2006)

【Manufacturer】

Diamond Electric Medical Instruments Co.
3F Grace House, 4-32-6 Takadanobaba,
Shinjuku-ku, Tokyo 169-0075 Japan
Tel:03-5331-3351 Fax:03-5331-3350
E-mail:gratus@ninus.ocn.ne.jp
Or

【Distributor】

Muranaka Medical Instruments Co., Ltd.
2-3-6 Funakoshi-cho, Chuo-ku,
Osaka 540-0036, Japan
Tel: 0725-53-5524 Fax: 0725-53-5623
E-mail:info@muranaka.co.jp

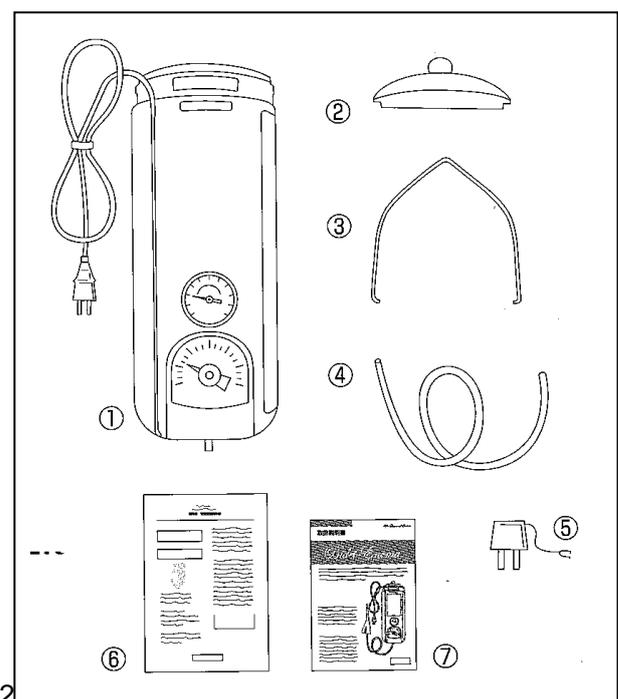
Features

- This product is an electric warming irrigator for the purpose of use of medical irrigation, large intestine, nursing care irrigation etc.
- This product is made of polyethylene and has superior durability, chemical resistance, electrical isolation resistance.
- This product has compact design, diameter 155mm, height 415mm. Easy to install, space-saving.
- Simple structure and no difficult setting and operation is needed.

Components

Please confirm the packaged components.

1. Main body (container)
 2. Cover
 3. Hanging bracket
 4. Hose (exeron tube)
 5. Power plug adaptor with ground wire
 6. Package insert
 7. Instruction manual
- **Nozzle of irrigator is optional and is not included in the package.**



Safety Cautions

This is extremely important and make sure to follow.

- Please read carefully Safety Cautions before use to use properly.
- For safety, please familiarize yourself with the Caution Symbols below. These symbols are designed to alert the user to potential hazards when using this product.

These symbols are designed to alert the user to potential hazards when using this product, explaining “Warning” and “Cautions”. Ignoring these Caution Symbols may results in serious injury, or damage to the product. Please be sure to follow as all are import things for safety.

 Warning:	This symbol indicates the possibility of serious injury if the product is mishandled or instructions are ignored.
 Cautions:	This symbol indicates the possibility of physical injury or equipment damage if instructions are ignored.

- The contents you should observe are mentioned as below symbols separately in the kind.

Prohibition	Instructions
<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  General prohibition </div> <div style="text-align: center;">  Never disassemble </div> <div style="text-align: center;">  Keep fire away </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  No wet </div> <div style="text-align: center;">  Do not contact </div> <div style="text-align: center;">  Prohibit wet hand </div> </div>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  General compulsory (must do). </div> <div style="text-align: center;">  Unplug the unit from the wall outlet </div> <div style="text-align: center;">  Be sure to connect ground wire </div> </div>

Warning

 分解禁止 Do not disassemble, remodel, and/or repair.	 禁止 Do not use for other purpose.
It may cause fire, electric shock, injury. In case repair is necessary, indicate “out of order” properly and promptly, contact the dealer to leave our repair window.	It may cause accident or injury.

 **Warning**

 <p>禁止 Do not use this within reach of your child.</p>	 <p>水ぬれ禁止 Be careful not to dip in water (liquid), not to water.</p>
<p>Unless properly follows the warnings, it may result in suffering inquiries, electric shock and/or burn.</p>	<p>This instrument is electric instrument. In case the main body inside (temperature control part and round thermometer) is leaked fluid into, it gives rise to defect in temperature control and temperature display. The temperature rises rapidly and it may result in burn. Stop using quickly, when the temperature control part is wet, and use after dry.</p>
 <p>強制指示 Use always with more than 3 liters of water (liquid).</p>	 <p>強制指示 Use outlet of AC100V, more than 15A rating singly.</p>
<p>In case the water level shows under the round thermometer level, the accurate temperature inside is not shown. If you turn on when the water level is extremely low (less than 2 liters), the temperature rises in a short time and it shows higher than the preset temperature. If you leave power on when the balance water level is extremely low (less than 1.5 liters), the temperature rises rapidly to higher than 65° C, and the fuse blowout. Be sure to always fill with at least 3 liters of water (liquid).</p>	<p>In case you use other than AC100V, or you use wiring excess amplifier rating, it may result in fire or electric shock due to heating.</p>
 <p>禁止 Do not use flammable liquid.</p>	 <p>強制指示 Insert tightly the power plug.</p>
<p>Never use flammable liquid like heating oil, gasoline, alcohols. It may result in fire, and be very dangerous.</p>	<p>In case imperfect insert, it may result in electric shock, fire due to heating.</p>
 <p>ぬれ手禁止 Do not insert or unplug with a wet hand.</p>	 <p>アース接続 Ensure to connect the ground wire properly.</p>
<p>It may result in suffering inquiries or electric shock.</p>	<p>In case mechanical breakdown and a short circuit, it may result in electric shock, short, or ignition.</p>

 **Warning**

<p> 強制指示 Wipe off well, when the plug blade and tip part and foot part get dusty.</p>	<p> 禁止 Do not touch the temperature control indicator.</p>
<p>It may result in insulation failure, being damaged by moisture and in fire, when the plug gets dusty. Remove the power plug and wipe with a dry cloth.</p>	<p>Temperature control indicator is set 38° C at factory default. This instrument is set on/about 38° C, in order to keep the hot water (liquid) warm to body temperature, by the purpose of use. Do not set to the temperature other than constant temperature, as it may result in malfunction in temperature indication. For example, when you set the preset temperature at 30° C, the actual temperature (temperature indicator) may be 3 - 4° C higher than the preset temperature. Do not touch the temperature control indicator, in order to avoid an accident by a malfunction of temperature indicator.</p> <ul style="list-style-type: none"> ● In case temperature control indicator moves over a little, set around 38° C, by using “a driver for temperature control” which sets at the top of main body.
<p> 禁止 Do not use when the power cord or power plug is damaged, or when the insert of the plug is loose.</p>	
<p>It may result in fire by electric shock, short circuit or heating.</p>	
<p> 禁止 Do not damage the power cord.</p>	<p> 強制指示 Be sure to confirm by hands the liquid temperature before use.</p>
<p>It may result in fire or electric shock by damage of the power cord, when you bent, pull, twist, bundle, tuck forcedly, top with a heavy thing, move closer to hot area, or remodel.</p>	<p>When you irrigate or treat the objective region, before using, pouring water from irrigating nozzle, touch the warm water/liquid to confirm the proper temperature. If there remains liquid in a hose connected with the irrigation nozzle, there may be a difference between warmed liquid temperature and remaining liquid. Confirm the proper temperature, after pouring enough until warm water comes out.</p> <p>There is a bimetal thermostat temperature control at the back of the temperature control indicator. Bimetal system is composed of two kinds of metal plates of which coefficient of thermal expansion differ, adjust the temperature to repeat on/off of the switch, varies extent of the curvature depending on the variety of temperature. We cannot guarantee the accurate figure, unlike digital type. It is necessary to confirm the proper temperature by hands to avoid an accident like burn.</p>
<p> 禁止 Do not fan directly the temperature control part by an electric fan or air conditioner.</p>	
<p>It may result in burn, as the temperature control gets out of order and the liquid temperature becomes higher than the preset temperature.</p>	

 **Warning**

<p> 禁止 Do not touch inside the container.</p>	<p> 禁止 Do not boil dry.</p>
<p>It may result in suffering inquiries or electric shock.</p>	<p>A heater inside the container uses polyethylene. Unless heater part is soaking in enough water (liquid), the heater becomes boil dry. The polyethylene melts quickly and causes water leakage. In case water leakage, repair (replace of heater) is necessary. Even though with a function of boil dry, when you turn the container upside, tilt, or lay down, leaving power on, float switch may turn on and the heater is boiled dry. After use, before pouring off the water, always plug off.</p>
<p> 強制指示 Unplug and stop operation, when out of order.</p>	
<p>When out of order (water stained, burnt odor, on/off lamp does not light), when round thermometer's display is out of order, or when a shock is given to the main body like you drop down the container, halt operation immediately and ask the manufacturer to check. If you continue to operate in abnormal condition, it may result in suffering burn, electric shock or boil dry.</p>	
<p> 禁止 Do not carry when in use and soon after use.</p>	
<p>It may result in suffering inquiries or electric shock.</p>	

 **CAUTION**

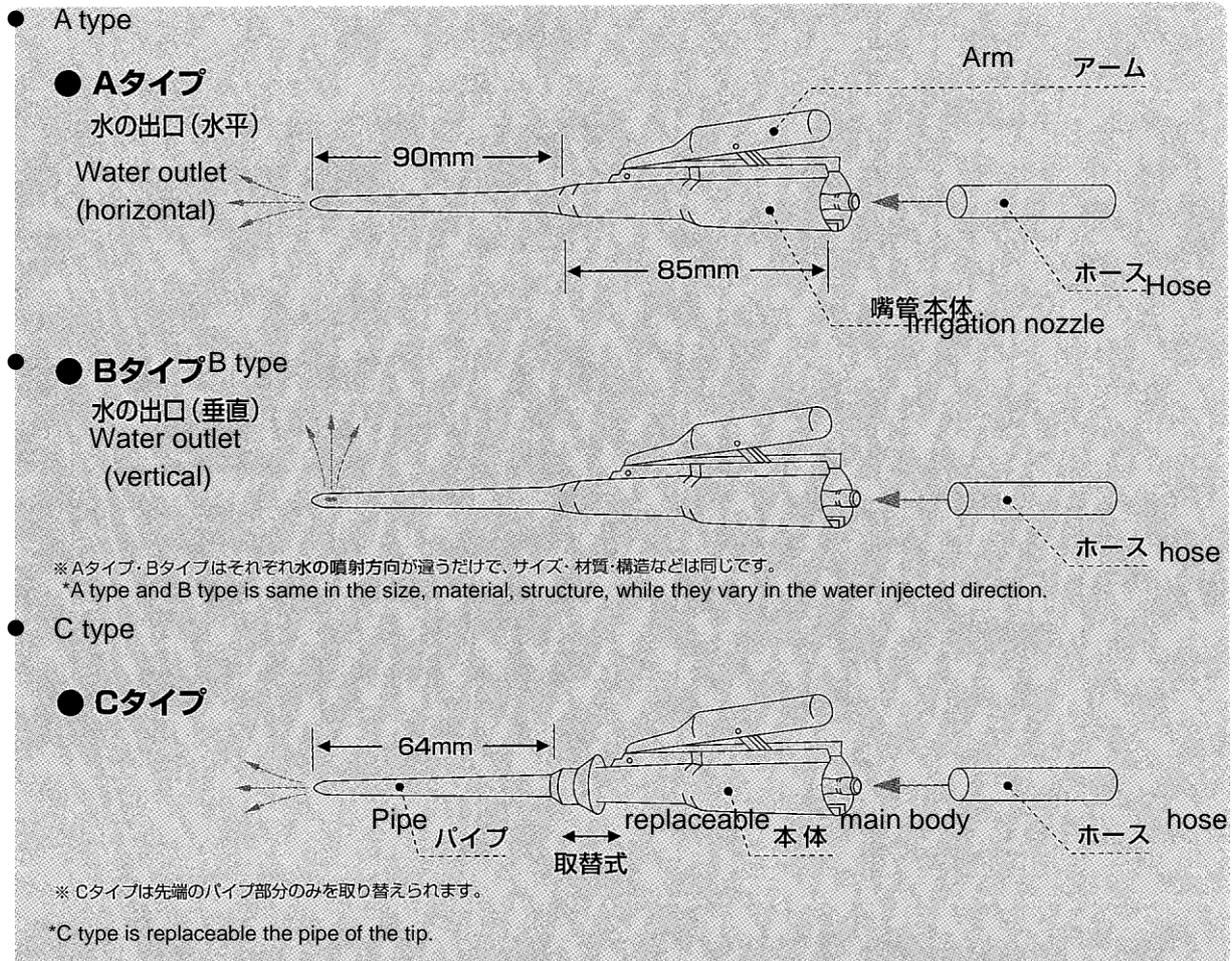
<p> 禁止 Avoid unstable locations.</p>	<p> 禁止 Do not use strong corrosive chemicals.</p>
<p>To reduce the risk to drop down and to boil dry, install the container the cover up upright at a stable place.</p>	<p>This instrument is made of polyethylene, but the electric circuit connection part is composed of metal parts. Never use strong corrosive disinfectant (popidon iodine <Isodine>, sodium hypochlorite), which may cause trouble.</p>

 **CAUTION**

<p> 禁止 Do not dip in warm water (liquid) of more than 65° C.</p>	<p> 禁止 Do not place at an environment of high temperature (65° C).</p>
<p>If you put water of more than 65° C, temperature fuse of cutout circuit may blowout, and not powered on, need repair.</p>	<p>If you place the container at an environment of more than 65° C, temperature fuse may blowout and need repair. For example, when you carry around this instrument, and leave it in sun-heated car, fuse blowout automatically, even when power does not on. Pay attention.</p>
<p> 強制指示 Replace irrigation nozzle regularly.</p>	<p>  禁止 強制指示 Properly clean and/or sterilize the container.</p>
<p>Treat irrigation nozzle as disposable. Replace regularly refer when you find discoloration or deterioration on irrigation nozzle.</p>	<p>When clean the container, do not use cresol soap. It may cause boil dry, as cresol soap gets hard inside. Do not sterilize by gas of more than 65° C. It may cause blowout and unable to be used. Never sterilize by autoclave, as the container may be transformed. For other special sterilization, consult with the related specialist.</p>
<p>  禁止 強制指示 Do not insert irrigation nozzle deep in human body. Disinfect irrigation nozzle when insert.</p>	<p> 強制指示 After use, drain the water (liquid) and store.</p>
<p>Unless so, it may cause injured inside of the human body or infected. ※1. Disinfect the inserting part of irrigation tip, and use lubricant agent like soap water and petrolatum.</p>	<p>Unless drain away, it may cause increased to get moldy and bacteria, and may cause the odor. This Instrument is designed to be left about 700cc water at the last to avoid boil dry. Drain water when not in use, to avoid bacteria, moldy and odor. At that time, unplug first and then drain water to turn the container upside down. Keep dry and clean the container. When dry, do not put in high temperature environment of more than 65° C. Avoid placing the Instrument in direct sunlight. It may cause the damage to the container and malfunction.</p>
<p> 強制指示 When remove power plug, do not have cord and unplug straightly having the plug.</p>	
<p>If you pull the cord, the cord may be damaged and cause electric shock, short circuit or fire.</p>	
<p> プラグを抜く Unplug the unit from the wall outlet when it will not be in use.</p>	
<p>If you leave inserting plug into the wall outlet for a long time, it may cause electric shock or fire from a short circuit due to dielectric degradation, etc.</p>	

Optional Accessories (Irrigation Nozzle)

Irrigation nozzle is optional. Please select A, B or C type according to the usage. Irrigation nozzle is consumable, and replace regularly. Use C type pipe as single use to cleanse the large intestine.



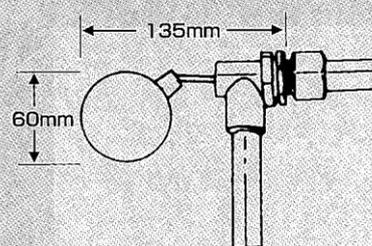
Optional Accessories (Ball tap for automatic water)

- Ball tap for automatic water

● **自動給水用ボールタップ**

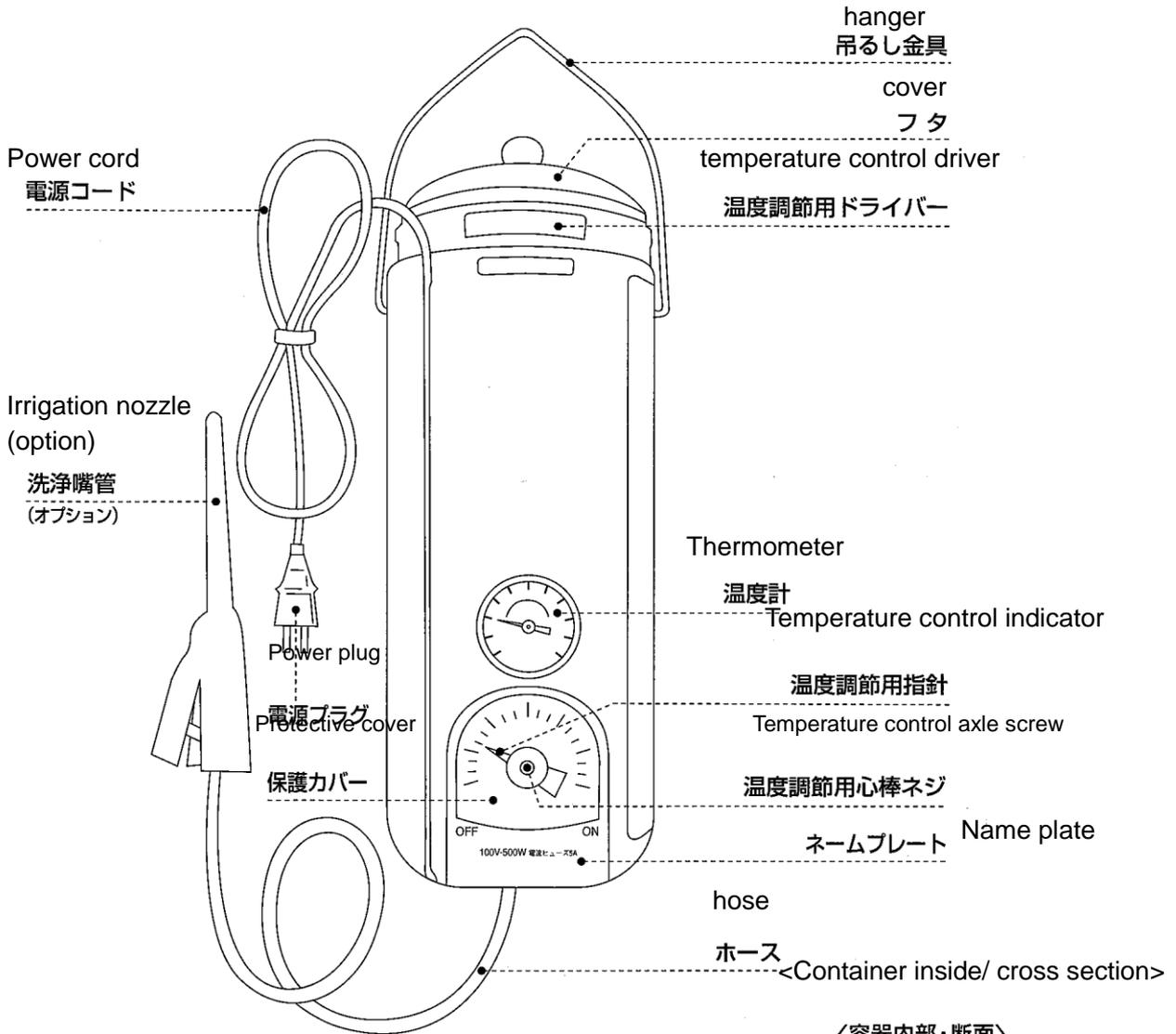
※ 水道配管は内径13mmのビニール・パイプで配管できます。

* Plumbing is possible by a vinyl pipe of inside diameter 13mm.

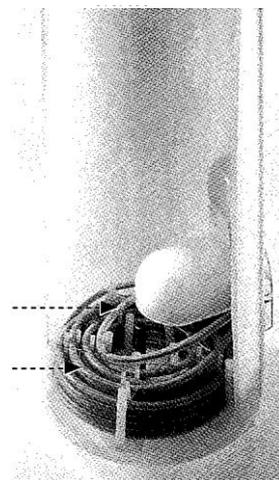


Names and functions of parts

<Appearance diagram>



<容器内部・断面>



Temperature fuse
Polyethylene coating heater

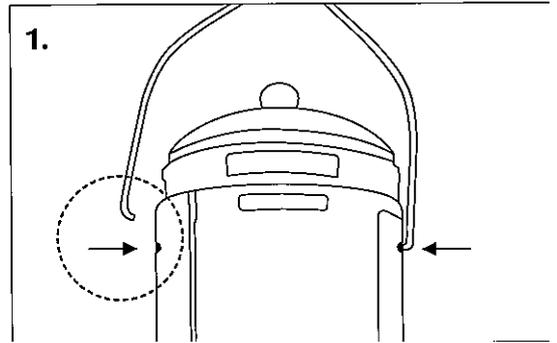
Name	Warming irrigator
Actual capacity	5 liters
Power source	AC100V-500W
Outside diameter	Outside dia.155mm Height 415mm
Net weight	1.6 kg
Cord length	2.7 meters
Safety device	Heater forced cutoff (temperature fuse 72° C)

Installation Place

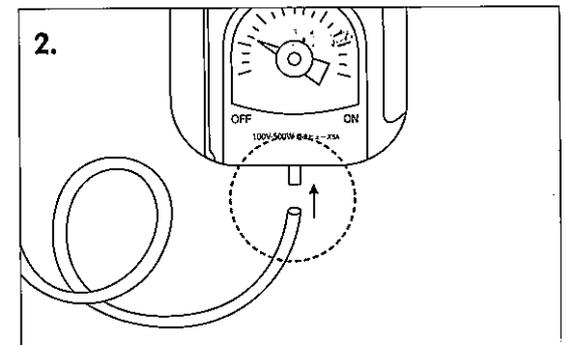
1. The floor to be installed should be flat and stable.
2. Do not place away from heat and moisture (near heating equipment), keep liquids away. Do not place the equipment in any place where it will be subjected to direct sunlight or high temperatures.
3. Install main body (the container) the cover up upright at a stable place, and power up.

Set up

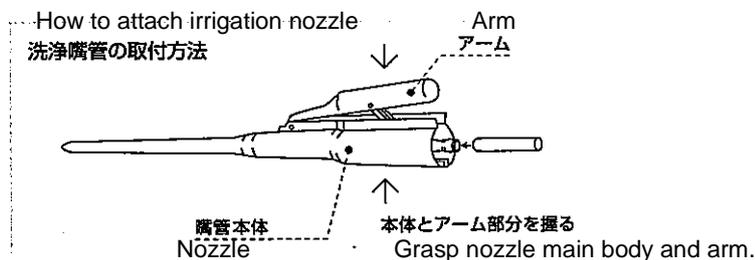
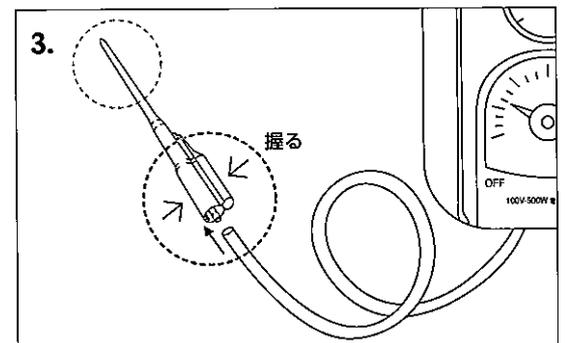
1. Fit hanger in the hole of main body container. At this time, do not force hanger to expand, which may cause falling down.



2. Insert the hose onto stainless pipe under the main body container. Insert hose to the end, not to come away. Do not use soapy water for the purpose to make insert easier. It may increase the potential of come unhinged hose from stainless pipe, and may cause water stained and boil dry. (Bind hose with banding band or wire.)



3. When you insert hose to irrigation nozzle (optional parts), fit irrigation nozzle and arm parts holding each others. If you insert not holding, o-ring for water guard may come off, and may lead out of commission. Be sure there is no scuff, burr nor transformation on the tip of irrigation nozzle at this time,



※In case irrigation nozzle C type, when you exchange pipe, keep the connecting parts dry. If be wet, it may come unhinged.

Procedure

- ①. Before use, rinse out and disinfect the equipment.
- ② Be sure to always fill with at least 3 liters of water (liquid).
- ③ Be anchored the main body container at 1.2m – 2m high, and Install the container cover up upright.
- ④ After that, power on.
- ⑤ Be sure to confirm the temperature control indicator is set at around 38 C.
- ⑥ After heated, confirm the temperature showed by thermometer fits to the setting temperature.
- ⑦ Spurt water (solution) out of irrigation nozzle, and touch water and confirm the proper temperature and then use.

Care

After use everyday, unplug and drain all the water (solution) inside the container. Shake the container with invert soap, or wipe or disinfect with sterile alcohol cotton and dry. (※ Please refer to Caution clause on Page 7, for cleaning/disinfect/dry)

- After unplugged, care for the equipment.
- Do not use benzene, xylol, cresol soap.
- Check if no damage and scuff on power cord and plug for power supply.

Maintenance

Check and fit out at our repair service center once a year.

After unused for a long period, always confirm if the equipment works properly and safe, before use.

Diamond  *Electric*
Medical Instruments Co.