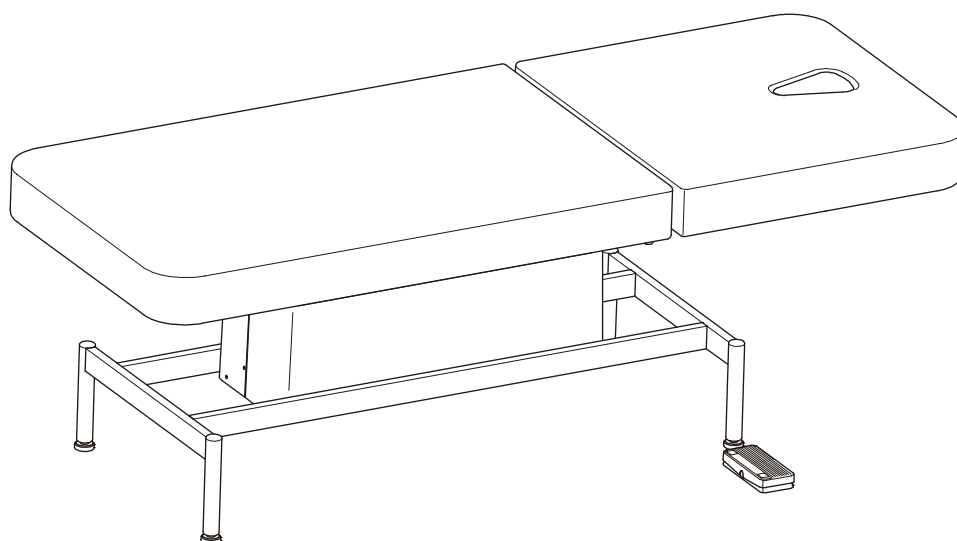


AUTHENTIC BED

Models: AY-770DXP

Operating Instructions



Thank you for purchasing this Takara Belmont product. Please read the Operating Instructions carefully before use and use the product appropriately. Thereafter, please keep the Operating Instructions in a safe place and read them again whenever necessary. Failing to read the Operating Instructions before use may lead to accidents.

This product is an industrial appliance for use in aesthetic salons and hairdressing salons. Do not use the product for any purpose other than aesthetic or hairdressing services. The product must only be used by qualified professionals, such as aestheticians and hair stylists.

If you have any questions about the Operating Instructions or the product, or if the Operating Instructions become illegible due to stains and/or tears, or if this booklet is misplaced, please contact your local authorised Takara Belmont dealer.

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Description of Warning Symbols

■ Before using this product

Please be sure to read the Safety Precautions and Precautions for Use carefully and use the product correctly.

■ About the items listed here

These are intended for the safe use of the product and to prevent harm and damage to users and other people.

All of the precautions shown are important details related to safety. Please be sure to follow these precautions.

If an accident occurs due to failure to follow the Safety Precautions, the Precautions for Use, and/or the Precautions for Synthetic (Natural) Leather Care, Takara Belmont is not responsible for any damage or risk to the person using this product or those around them due to accidents. In this case, the person failing to adhere to the Safety Precautions, the Precautions for Use, and/or the Precautions for Synthetic (Natural) Leather Care will be responsible for any damage or risk incurred.

Detailed descriptions of symbols are provided below. Read and understand these symbols thoroughly before reading these instructions.

Symbols	Magnitude of harm/damage and urgency
 WARNING	The items explained under this symbol are precautions that may result in death or serious injury from the incorrect handling of the product if the warning is not followed.
 CAUTION	The items explained under this symbol are precautions that may result in mild or moderate injury or property damage from the incorrect handling of the product if the caution is not followed.

Individual items that must be complied with are explained under the following symbols:

Symbols for prohibited items	Symbols for mandatory items
 Display for general prohibitions	 Display for general mandatory action by the user
 Display for prohibition of disassembly, repair, and modification	 Display that indicates the equipment's power cord must be unplugged from the outlet

Safety Precautions (to be strictly observed)

WARNING

Power plugs and cords



- **Do not connect the ground to the following places:**
 - Water pipes
(Many water pipes are made of hard plastic and cannot provide complete grounding.)
 - Gas pipes (Explosion or ignition may occur.)
 - Lightning rods and telephone ground wires (These may pose hazards in the event of lightning strikes.)
- **Do not place any object on the power cord.**
The power cord may become damaged, and disconnection or a short circuit may cause electric shock or fire.
- **Do not plug or unplug the equipment with wet hands.**
Touching the power plug or outlet with wet hands may cause electric shock.



- **Use a separate outlet for the power plug.**
Use a separate AC 100 V outlet (15 A or higher) with a ground terminal.
Sharing the outlet with other equipment may generate abnormal heat, or an outbreak of fire.
- **Insert the power plug securely.**
Insert the power plug fully into the outlet.
Failure to do so may result in a fire due to a short circuit or abnormal heat.
- **Hold the power plug when disconnecting it.**
To unplug, hold and pull the power plug, not the power cord. Unplugging by pulling the power cord could damage the power cord and may cause an electric shock or fire.
- **Inspect the power plug and cord for damage.**
Do not use if the power plug or cord is damaged, or if the power plug is not tightly inserted into the outlet. An electric shock or fire may result.
- **Be sure to connect the grounding conductor.**
Failure to do so may cause an electric shock in the event of a mechanical failure or electrical leakage.
- **Dust the power plug regularly.**
If the power plug or outlet is dusty, carefully wipe it with a dry cloth to remove the dust.
Using a dusty power plug or outlet may cause fire.



- **Unplug the equipment when not in use.**
When this product is not in use, disconnect the power plug from the outlet. Failure to do so may cause an accident due to unexpected operation or may result in a short circuit or fire due to insulation degradation.

Safety Precautions (to be strictly observed)

WARNING

Installation and moving

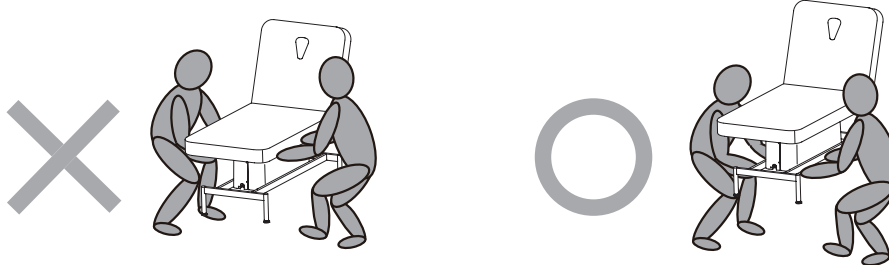


- **Precautions for installing this product**

- For installation of this product, refer to "How to Install" [p. 11].
- Only qualified technicians (from Takara Belmont or your local authorised Takara Belmont dealer) are permitted to install and assemble the product.
- Make sure to install this product only on a flat, solid surface.
If this product is installed on a floor with a slope of 5° or more, it may tip over.
- Install the bed in a place with adequate space and where there are no obstacles around the bed.

- **When moving the bed, be careful where you hold it.**

When moving, hold the bed firmly by the legs. Holding the bed only by the upper part (seat or backrest) may cause the lower part to fall off and may cause personal injury.



Usage and cleaning



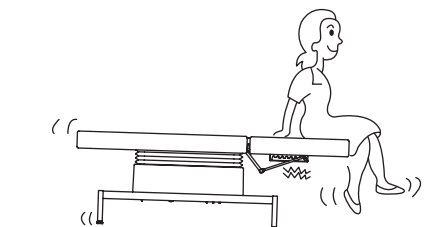
- **Keep hands, fingers and other body parts as well as the clothes of both the customer and the user well away from the moving parts of the equipment and its surroundings.**
If caught between parts, the customer may become injured.

- **Do not stand on the bed.**

The bed may tip over, causing injury or damage to the bed, peripheral equipment, installations, etc.

- **Do not stand on the backrest or the front end of the seat or place excessive weight thereon.**

The bed may tip over, causing injury or damage to the bed, peripheral equipment, installations, etc.



- **Do not use this product in an environment where electromagnetic interference is present.**

Do not install this product near communication equipment, elevators, or other devices that generate electromagnetic waves. In addition, do not use devices that generate electromagnetic waves, such as mobile phones, near this product. Accidental operation may result.

Safety Precautions (to be strictly observed)

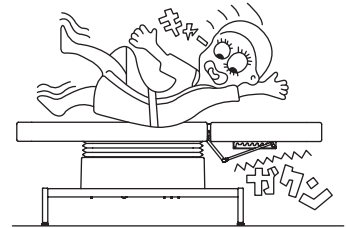
WARNING

Usage and cleaning

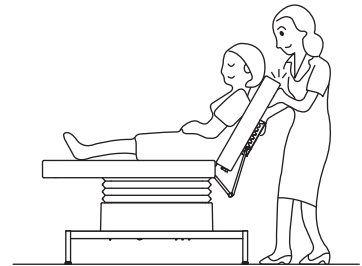


- **Do not wash this product with water.**
Mechanical failure or an electric shock may occur.
- **Be sure to check that the stopper is securely caught in one of the grooves in the stopper bracket.**

Before a customer gets on or off this product with the backrest raised, make sure that the backrest stopper is securely caught in one of the grooves in the stopper bracket. Otherwise, when the customer leans on the backrest, the stopper may come out of the groove in the stopper bracket, causing the customer to fall off the bed.



- **Precautions when lifting or lowering the seat**
 - When lifting or lowering the seat, make sure that there are no people or objects around.
 - After use, be sure to lower the seat to the lowest position.
- **Precautions when reclining or raising the backrest**
 - When reclining or raising the backrest, check that the customer's arms and hands are not placed between the backrest and the seat before operation. When caught, injury may result.
 - When reclining or raising the backrest, be careful not to let it come into contact with people or peripheral equipment.
- **When reclining or raising the backrest, hold it securely.**
You can recline or raise the backrest with the customer leaning on it. While supporting the backrest securely with your hand or body, disengage the stopper from the groove in the stopper bracket to shift the position of the stopper. Failure to securely hold the backrest may cause the backrest to fall, resulting in injury to the customer and the user. Once the backrest reaches the desired angle, fit the stopper into the corresponding groove in the stopper bracket and make sure that the stopper is securely caught in the groove before releasing your hand or body from the backrest.
- **Be careful not to touch the foot control during treatment.**
During treatment, be extra careful not to accidentally touch the foot control. Unintended contact with the foot control may cause accidental operation of the product, and personal injury may result.
- **Be careful not to place any of the level adjusters on the power cord.**
Be careful not to place any of the level adjusters on the power cord. An electric shock or fire may result in the event of a broken cord or short circuit.



Safety Precautions (to be strictly observed)

WARNING

Usage and cleaning



● Cautions when a customer gets on or off this product

- Be sure to lower the seat to its lowest position, and hold the bed securely while a customer is getting on or off the product. In particular, if the customer gets on or off the bed from or into a wheelchair, also make sure the wheelchair is outside the bed's operating range and well away from the foot control. Unexpected operation of the bed due to a foot or wheelchair caster hitting the foot control may result in personal injury or cause damage to this product, peripheral equipment, installations, etc.
- When a customer gets on or off the bed, guide them to ensure that they do not trip over the power cord or foot control cord and fall.

● Cautions during operation of the bed

- Before and during operation of the bed, check carefully for any objects or parts of the body, including hands and feet, in and around the operating range (in the directions of lifting and lowering the seat, and reclining and raising the backrest). Failure to do so may cause the objects or parts of the body to be caught by the bed, leading to injury, or damage to the product, peripheral equipment, installations, etc.
- During operation of the bed, check that the whole body of the customer is in the bed and continue to keep an eye on the customer.
- Do not touch the foot control with wet hands. An electric shock may result.

● Keep an eye on the customer and any children.

- Keep an eye on the customer while using this product. If a customer (especially a child) touches the foot control or causes the product to activate accidentally by inadvertent contact, an unexpected accident may occur.
- Keep everyone other than those receiving treatment away from this product.

● Make sure to perform daily inspections.

Use without performing daily inspections may lead to injury and damage to the product, peripheral equipment, installations, etc. For daily inspections, refer to [p.18].



● Avoid disassembling, repairing, and modifying the product.

- This product must not be disassembled or repaired by anyone other than Takara Belmont authorised after-sales service technicians under any circumstances. Otherwise, an accident, mechanical failure, an electric shock, or fire may result. Please contact your local authorised Takara Belmont dealer to request a support.
- Modification of the product is dangerous and must be avoided under any circumstances.



● Unplug the equipment before cleaning it.

An electric shock or fire may result. Unexpected operation of this product may result in personal injury.

● Action in the event of an outage

- Disconnect the power plug of the product from the outlet to prevent unexpected operation after recovery from an outage.
- If the seat is in a high position when a power cut occurs, you will not be able to operate the bed to lower the seat. If you want the customer to get on or off the bed in this position, exercise extreme caution, such as giving a hand to help, to prevent the customer from getting injured or the bed from tipping over.

Safety Precautions (to be strictly observed)

CAUTION

Usage and cleaning



- **Do not touch the foot control with chemical-contaminated hands.**
The foot control may discolour.
- **If the pump cover is damaged, discontinue use of the product.**
If the pump cover is damaged, immediately contact your local authorised Takara Belmont dealer to request a replacement. Failure to do so may result in mechanical failure or an accident.
- **Do not try to forcefully lift the upper part (seat or backrest).**
Malfunction or mechanical failure of the product may result.
- **Do not allow a person who weighs more than 135 kg to get on this product.**
Otherwise, a falling accident or malfunction may result.
- **Do not strike or rub this product with force.**
Doing so may cause damage to the cover or malfunction.



- **Before use, confirm that each part can be operated normally.**
Carefully and routinely inspect for any looseness, backlash, inclination, vibration, noise, abnormal temperature, odour, etc.
Also, if you notice anything unusual, stop use immediately, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
- **Make sure to operate the foot control with your foot.**
Always operate the foot control with your foot.
Operation other than by foot may cause damage or accidental operation.
- **Be careful when operating the foot control to avoid errors or mishaps.**
The operator should be very careful regarding the surroundings, alerting all people in the vicinity before performing correct operation.
- **Before reclining the backrest, notify the customer.**
When reclining the backrest, notify the customer.
Injury due to unexpected customer movement may result.
- **If a chemical solution or water comes into contact with an operation unit, wipe it off immediately.**
Chemical solution or water in contact with electrical parts (foot control, power cord, or power plug) may cause malfunction or a short circuit. If chemical solution or water comes into contact with the product, disconnect the power plug immediately, and wipe it off using a dry, soft cloth.
- **Precautions during cleaning**
Some metal parts and mechanical sections of the product have sharp edges. Take caution not to injure your hands or fingers during cleaning.
- **Unplug the equipment after use.**
Accidental operation due to unexpected contact with the foot control may cause personal injury or damage to this product.

Precautions for Use

- **If chemical solution comes in contact, wipe it off immediately.**

If a chemical solution gets on the leather or covers, wipe it off immediately. Deterioration or discolouration may result.

- **Do not apply heat.**

Deterioration or discolouration may result.

- **Do not place anything other than people on the bed.**

The leather may be deformed, damaged, or corroded.

- **Lower the seat to the lowest position at the end of each work day.**

When you are done working for the day, simply lower the seat to the lowest position. This habit reduces the load on the hydraulic mechanism and extends its life.

- **Do not use for any purpose other than aesthetic treatment.**

This product is an industrial appliance for use in aesthetic salons and hairdressing salons. Do not use the product for any purpose other than aesthetic or hairdressing services. The product must only be used by qualified professionals, such as aestheticians and hair stylists.

- **Do not use the equipment outdoors.**

Use of the equipment outdoors may result in malfunction.

- **When the breaker on the switchboard [refer to p. 17] is activated frequently**

Contact your local authorised Takara Belmont dealer.

- **The maximum load is 1,350 N (135 kgf).**

The lift speed may be slower near the maximum load.

- **Do not cause sharp objects to come into contact with the leather.**

If a sharp object, such as a key, comes into contact with the leather, the leather may tear.

Precautions for Synthetic (Natural) Leather Care

- **Stain from garment dyes**

The synthetic leather of this product may incur colour transfer due to contact with the user's clothing or belt. In the event of such staining, wipe the dye off as quickly as possible using a soft cloth wet with neutral detergent diluted about tenfold with water to avoid further penetration. Then wipe with a cloth wet with water, and wipe thoroughly with a dry cloth.

- **Cautions regarding alteration and colourant staining due to contact**

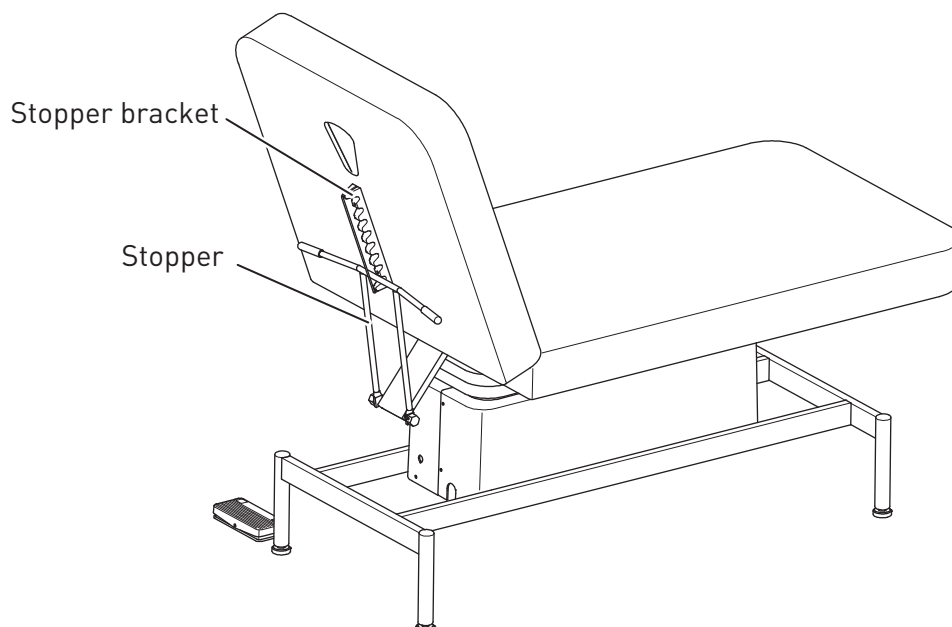
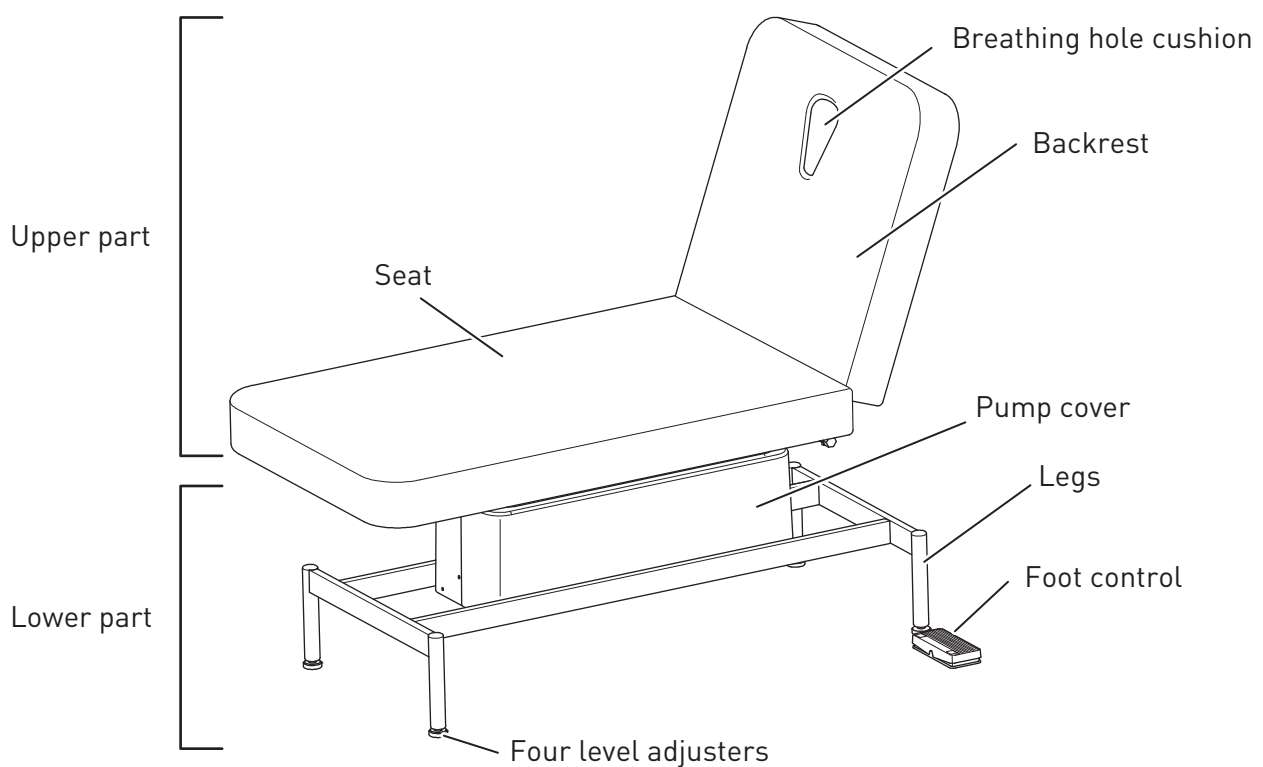
- Contact with other plastic parts or coated products, solvents, adhesive tapes, etc. may cause change in gloss, cracks, deformation, or delamination of the surface.
- Contact with newspaper or other printed matter may cause colour transfer.
- Contact with printed fabrics, such as T-shirts, and jeans may cause colour staining of the leather due to dyes.
- If benzine, nail polish remover, alcohol, or oil comes in contact, discolouration, surface dissolution, change in gloss, hardening or softening, or delamination may occur.
- Using bleach or sheets washed in bleach may cause change in gloss or discolouration.
- If this product is placed in proximity to an extremely high-temperature heat source, such as an iron or a heater, deformation or discolouration may occur.
- Avoid direct sunlight by using curtains, etc. Surface changes, contraction, discolouration, fading, etc. may occur.
- Placing a heavy object on the synthetic leather for extended periods may cause permanent dents or wrinkling.

Accessories

- Operating Instructions (this document)
- Installation Instructions
- "Request regarding bed use during treatment" (1 sheet)
- Parts included in the kit:



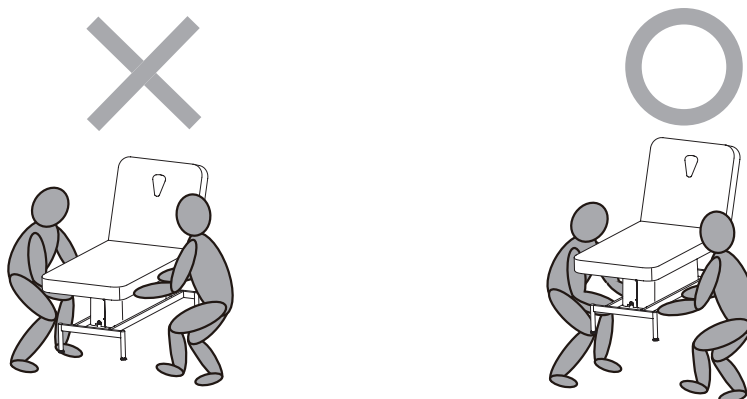
Part Names



How to Install

When moving the bed

When moving, hold the bed firmly by the legs. Holding the bed only by the upper part (seat or backrest) may cause damage to the equipment.



WARNING

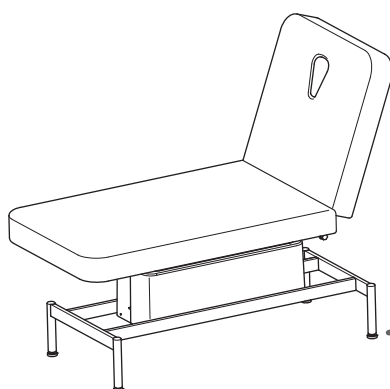
- Do not move the bed with a person on it. You may fall, resulting in damage to the equipment or causing the person to fall off.
- When lifting and transporting the bed, make sure to have two or more people hold the legs. Carrying the bed by only holding the upper part (seat or backrest) may cause unexpected operation of this product and may cause serious injury. This kind of action is strictly prohibited.

CAUTION

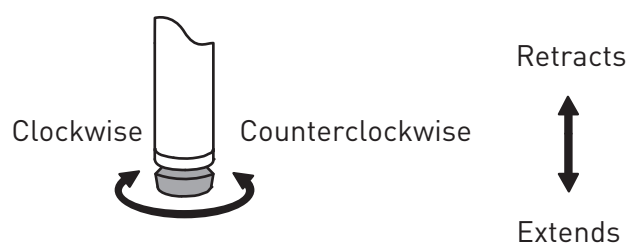
When moving, dragging the bed may damage the floor surface or cause the equipment to malfunction or be damaged.

Use of the level adjusters

If the bed is not stable due to a gap between the floor and a leg, use the level adjuster on the leg.

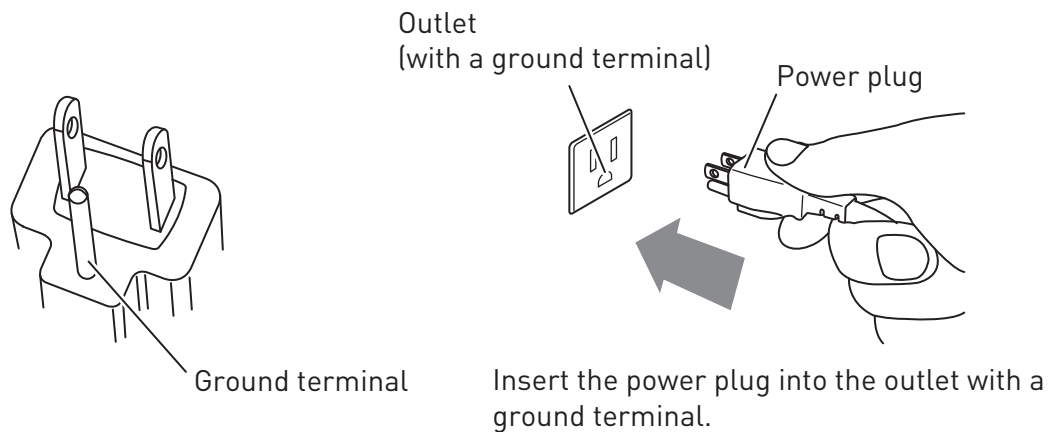


The level adjuster is extended by turning the level adjuster knob clockwise. The adjuster is retracted by turning the knob counterclockwise.



About the Power Supply

Inserting the power plug into the outlet

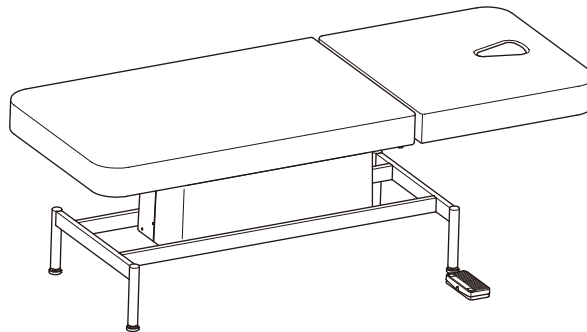


WARNING

- Be sure to use an AC 100 V (15A or higher) outlet.
Do not use other electrical devices at the same time as this product from the same outlet.
- Insert the power plug fully into the outlet.
- To unplug, hold and pull the power plug, not the power cord.
- Do not touch the power plug and the outlet with wet hands.
- Do not connect the ground to the following locations:
Water pipes, gas pipes, lightning rods, or telephone ground wires
- Be sure to connect the grounding conductor. Consult a professional to perform proper connection to the electrical ground.
- When this product is not in use, disconnect the power plug from the outlet.
- Disconnect the power plug from the outlet when the product will not be in use for a long period of time, including at the end of each work day.
Insulation may deteriorate, causing fire due to electrical leakage.

Lifting and Lowering the Seat

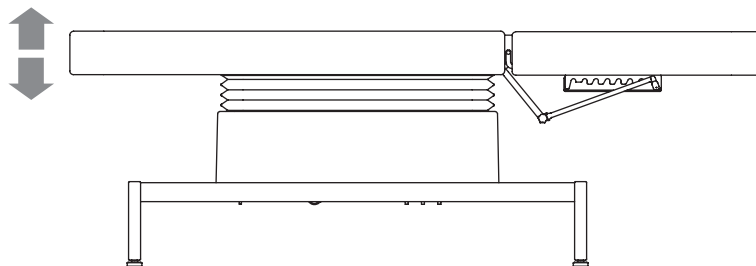
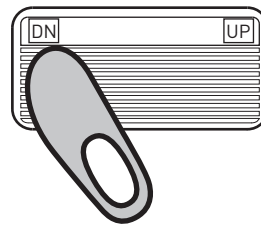
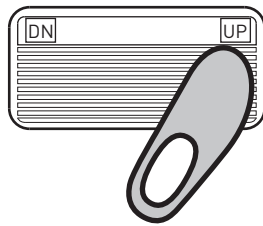
The seat can be lifted and lowered by operating the foot control.
The seat continues to be lifted or lowered while the foot control is depressed.



Foot control

Foot control (up)

Foot control (down)



WARNING

- When lifting or lowering the seat, check for any objects or parts of the body, including hands and feet, near the bed before operation.
- The foot control can be operated with light force. Do not place excessive weight on the device. It may become damaged.

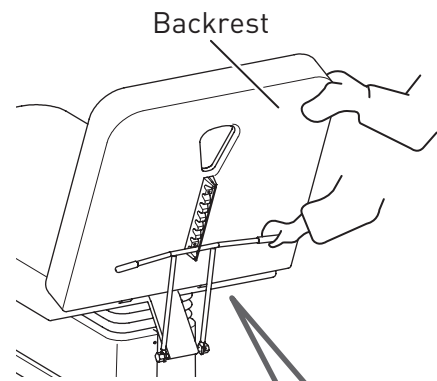
Reclining and Raising the Backrest

1 Reclining or raising the backrest

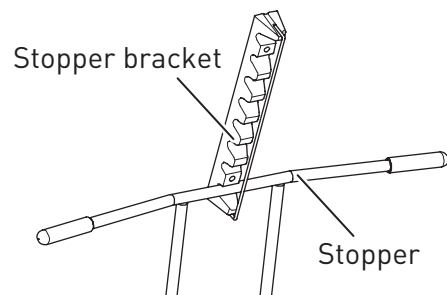
While supporting the backrest with one hand, disengage the stopper from the groove in the stopper bracket, and while holding the stopper, slowly recline or raise the backrest.

2 Locking the backrest

Once the backrest reaches the desired angle, fit the stopper into the corresponding groove in the stopper bracket to lock the backrest.



Stopper securely caught in one of the grooves in the stopper bracket

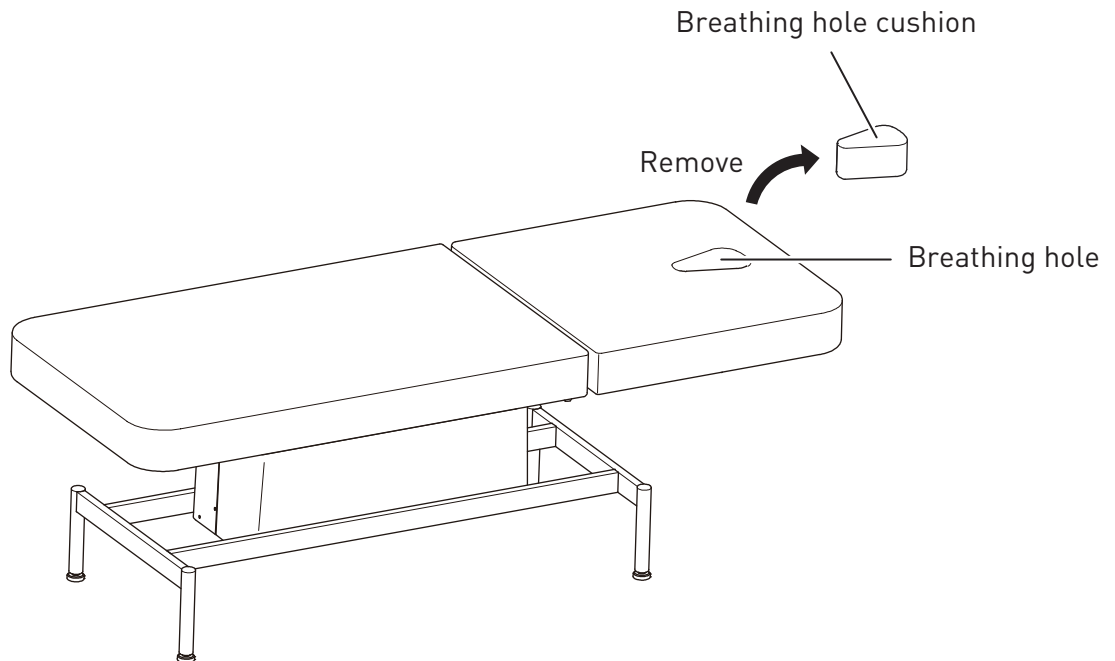


WARNING

- When reclining or raising the backrest, check that the customer's arms and hands are not placed between the backrest and the seat before operation.
- When reclining or raising the backrest, be careful not to let it come into contact with people or peripheral equipment.

About the Breathing Hole Cushion

When giving treatment to a customer lying on their back, fit the breathing hole cushion into the breathing hole. When giving treatment to a customer lying face down, remove the breathing hole cushion from the breathing hole.



Cleaning Instructions

Maintenance should be performed after using the product to keep it clean at all times. Stains left uncleaned may result in the growth of mould.



WARNING

- Before cleaning the equipment, disconnect the power plug. An electric shock or fire may result. Also, there is a risk of injury due to unexpected movement of this product.
- Do not wash this product with water. Mechanical failure or an electric shock may occur.



CAUTION

Some metal parts and mechanical sections of the product have sharp edges. Take caution not to injure your hands or fingers during cleaning.

Maintenance of individual parts

Leather parts Plastic parts

Gently wipe these parts with a dry, soft cloth.

For severe staining

Wipe with a soft cloth wet with neutral detergent diluted about tenfold with water, followed by wiping with a cloth wet with water, then thoroughly wipe with a dry cloth.

Moving parts Metal parts

Wipe these parts with a soft, dry cloth.

Do not wipe them with a damp cloth. Moisture, let alone water, is bad for these parts. If they become wet, wipe them dry immediately. Failure to do so may result in rust developing or failure of electrical parts.

- Never use the following substances.

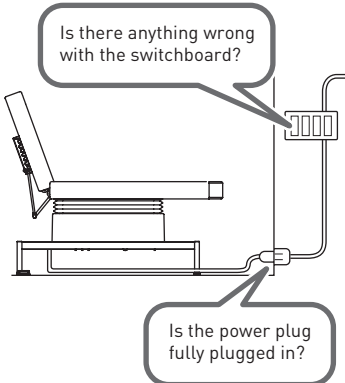
Volatile chemicals such as thinner, alcohol, nail-polish remover, gasoline, or kerosene; acid, alkaline, or chlorine-based detergents; antiseptic solutions that corrode metals (e.g., povidone iodine, known as "Isodine," or sodium hypochlorite); or abrasive wax or sponges.

- Do not use a brush, scrubbing brush, etc. for cleaning. It will leave scratches or render the stains unremovable.
- Do not clean the leather parts using organic solvents, detergents containing abrasives, bleach, etc. The surface may deteriorate, and the texture and gloss may change.

When restarting to use this product after a long period of time, make sure to perform cleaning. After cleaning, make sure to confirm that the product operates normally.

Troubleshooting

If any of the following problems occur, please check the equipment before calling for repairs. If taking the corrective actions does not bring the equipment back to normal operation, immediately stop using it, disconnect the power plug, and contact your local authorised Takara Belmont dealer.

Problem	Check item	Troubleshooting tip
The bed does not operate. 	Is the power plug completely inserted all the way into the outlet?	Completely insert the power plug all the way into the outlet. [p. 12]
	Is there a blown fuse or breaker in the switchboard in your salon?	Replace the fuse on the switchboard or turn on the breaker.
	Is the bed operated continuously for a long duration?	This is due to the overheating protection device. -> Wait for about 10 minutes before operating the bed again. Overheating protection device This is a protection circuit to prevent abnormal overheating of the internal mechanism due to continuous operation, etc. The bed may become inoperable temporarily.

Phenomena that are not a sign of malfunction	
There is a noise at the start of operation.	This phenomenon is caused by the cooling of the hydraulic fluid inside. The noise does not affect functionality, and it will stop after a while.
The bed does not move fast enough.	This phenomenon is caused by the cooling of the hydraulic fluid inside. Raise the room temperature or keep the bed moving for a while, and it will return to normal speed.

Daily Inspection Procedure

The following inspection should be performed for safe use of the product.

WARNING

Daily inspections must be performed according to the details shown below. Use without performing daily inspections may lead to injury or damage to the product, peripheral equipment, installations, etc.

Daily inspection items

Inspection item	Inspection method	Inspection result, action to take in case of failure
Is there any backlash of the seat or backrest?	Gently press or shake the top of the backrest and the front end of the seat in the vertical and horizontal directions to check for backlash.	The product may malfunction, become damaged, or overturn. Please stop using the product and contact your local authorised Takara Belmont dealer.
Does the product work properly?	Check that the seat can be lifted and lowered by using the foot control.	Operate this product based on "Lifting and Lowering the Seat" [p. 13]. If the operation does not return to normal, stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
	Make sure that there is no wobbling or abnormal noise during each operation.	If the bed is unsteady or generates abnormal noise during operation, stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
	Confirm that the seat stops at an arbitrary position for a certain period and does not lower.	If the seat lowers without stopping for a certain period, stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
Is there an offensive odour?	Check that there are no offensive odours or smoke being emitted.	If an offensive odour or smoke is detected, stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
Are there any hydraulic oil leaks?	Make sure that hydraulic oil is not dripping from the legs or seeping out of the pump cover.	If hydraulic oil is dripping or seeping out, stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
Is the power plug loose?	Check that there is no wobbling by gently pushing or shaking the plug back and forth and from side to side.	An electric shock or fire due to electrical leakage may result. Stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
Is the power plug deformed, cracked, split, dirty, or dusty?	Visually check for deformation, cracks, splits, dirt, and dust.	Wipe off dirt and dust with a dry cloth. Deformations, cracks, or splits may lead to an electric shock or fire due to electrical leakage. Stop using this product, disconnect the power plug, and contact your local authorised Takara Belmont dealer.
Is there air in the hydraulic system? (Air may get in if the bed is carried by only holding the upper part [seat or backrest] instead of the legs).	With the seat in the lowest position, apply weight to the seat and make sure that the entire seat does not wobble down.	The customer may not be able to get on or off safely. Please stop using the product and contact your local authorised Takara Belmont dealer.

Standard Period of Use

- The standard period of use for this product is 10 years.
- Standard period of use is defined as “a guideline for the standard period of using the product without any problems in safety under standard conditions of product use with appropriate maintenance and inspection (including replacement of parts) performed.” This is not a warranty period. The “standard period” varies depending on the customer’s usage environment and the frequency of use. Please contact your local authorised Takara Belmont dealer for maintenance after completion of the standard period of use.

Parts Not Covered by Warranty

Parts not covered by warranty refer to parts that are expected to wear, deteriorate, change in appearance, or be damaged due to use.

Note that repair and replacement are outside the scope of warranty, and will be charged.

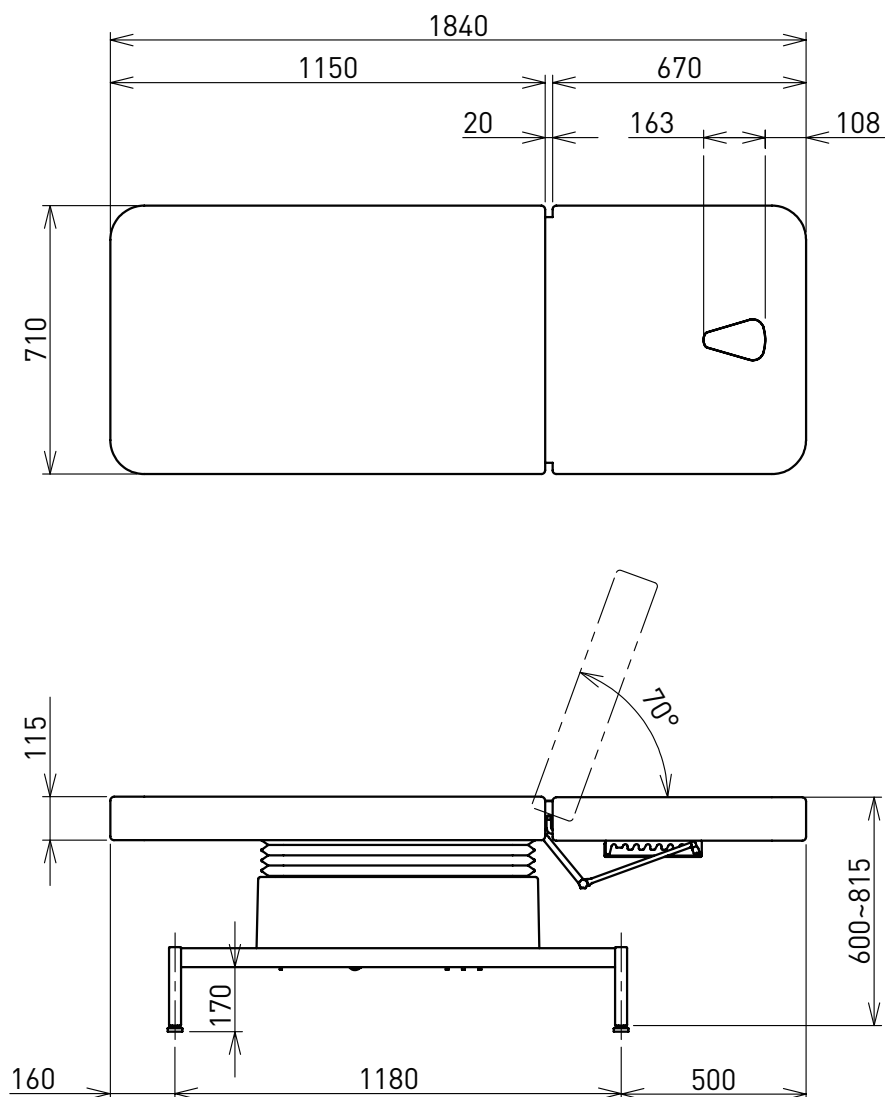
(*Degree and timing of wear, deterioration, and damage vary depending on the environment and conditions under which the product is used.)

In the case of significant wear and deterioration or damage, inspection or replacement of the parts will be necessary. Please contact your local authorised Takara Belmont dealer immediately.

Specifications

Models	AY-770DXP
Rated power consumption	110V 50/60Hz 4.1/2.8A
	220V 50/60Hz 1.7/1.6A
	230V 50/60Hz 1.9/1.7A
	240V 50/60Hz 2.1/1.6A
Net Weight	87 kg
Maximum load	1,350 N (135 kgf)
Operating environment	Temperature: 0 to 40°C
	Humidity: 10 to 95%
	Atmospheric pressure: 700 to 1,060 hPa

AY-770DXP



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TAKARA BELMONT CORPORATION

1-1, 2-Chome, Higashi-shinsaibashi, Chuo-ku, Osaka, Japan

TEL : +81-6-6213-5945

FAX : +81-6-6212-3680

Printed in Japan