

EURUS STOOL
INSTRUCTIONS FOR USE

Dear Customers

Dear Customers

Thank you for purchasing our product.

This booklet explains how to use the EURUS STOOL.

Before using the EURUS STOOL, carefully read the operating instructions and use the product correctly.

Using the product without reading these instructions may lead to an accident.

For easy access to the information contained herein, keep this booklet at hand and review it as needed.

Ask your local authorized Belmont dealer to install this product, following the installation instructions provided in this booklet.

If you have any questions regarding the operating instructions or this product, contact your local authorized Belmont dealer.

If you find any dirt on or damage to the booklet and need a new booklet, report the catalog number indicated below to your local authorized Belmont dealer to order a new one.

2019-01 (First Edition)	
REF	1A0QYMAE

Table of Contents

Dear Customers	2
1 General Information	
1-1 How to Dispose of the Device	4
1-2 Symbols	4
2 Safety Consideration	
2-1 Risk Level Interpretation	5
2-2 Safety Precautions	7
3 Precautions for Use	
3-1 Operating Precautions	9
3-2 Precautions for Using Synthetic Leathers	10
4 Product Specifications	
4-1 Technical Data	11
4-2 Major Components	12
5 Operation	
5-1 Seat Up/Down Operation	13
5-2 Seat and Backrest Tilt Operation	13
5-3 Casters with Brakes	14
6 Care/Cleaning/Maintenance by dental staff	
6-1 How to Clean the EURUS STOOL	15
6-2 Daily Inspection	16
7 Maintenance by Service Engineers	
7-1 Servicing	17
7-2 Standard Period of Use	17
7-3 Parts Retention	17
8 Troubleshooting	
8-1 Troubleshooting	18
9 Accessories	
9-1 Accessories	19







1 General Information

1-1 How to Dispose of the Device

When disposing of this product and replaced parts, carefully take infection control measures and handle them properly in accordance with the relevant laws and regulations (applicable regulations and local regulations).

1-2 Symbols

The symbols listed below are used on this product, on labeling, and in this booklet. Check the meaning of each symbol.

	Catalog number		Name and address of the manufacturer
	Year of manufacture		Basic precaution, unspecified
	General warning, unspecified		Generally prohibited activity
	Disassembly, repair or modification prohibited		Instructions for mandatory actions in general

2 Safety Consideration

2-1 Risk Level Interpretation

Precautions before use

Make sure to carefully read the Safety Precautions and Operating Precautions and use the product correctly.

These precautions are intended to ensure the safe use of the product and prevent harm or damage to users or other people. According to the magnitude of harm and damage and the degree of urgency, an incident that may be caused by misuse of the product is classified into one of the following categories: CONTRAINDICATION, WARNING, and CAUTION.

All of these categories are important for safety. Always follow the instructions provided.

We assume no responsibility for any accident due to failure to follow the Safety Precautions or Operating Precautions even in the event of harm or damage to users or other persons.

In such case, users or other persons who use the product without observing the Safety Precautions and Operating Precautions are responsible for any harm or damage incurred.

The graphical symbols are explained in detail below.

Once you have fully understood this explanation, read the text.

Classification by degree of harm or damage and urgency

CONTRAINDICATION

Use of the product without regard to this indication will create a hazardous condition that may result in death or serious injury.

WARNING

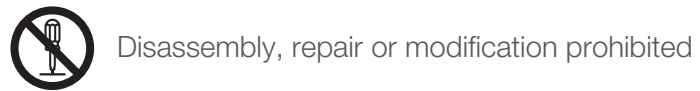
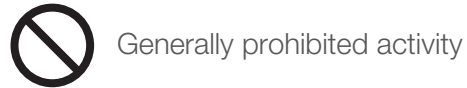
Improper handling of the product without regard to this indication will create a hazardous condition that may result in death or serious injury.

CAUTION

Improper handling of the product without regard to this indication will create a potentially hazardous condition that may result in moderate or slight injury or property damage.

The following graphical symbols are used to explain your responsibilities for using the product safely:

Graphical symbols for prohibited activity



Graphical symbol for mandatory instructions



2-2 Safety Precautions

Use and maintenance of the product



Installing or transferring the product



Use and maintenance of the product



CONTRAINDICATION

Do not use the product for purposes other than dental procedures.

Only dentists or dental professionals may use this product.

Never disassemble, repair, or modify the product.

Individuals other than your local authorized Belmont dealer should not disassemble or repair this product. This could lead to an accident or failure.

Never modify this product as it is extremely dangerous to do so.

WARNING

Pay attention to the position where the stool is held when being lifted and moved.

When moving the stool by lifting it, be sure to hold the legs of the stool; holding only the seat may cause the bottom of the stool to fall out of the seat, leading to injury.

Do not stand on the stool.

Standing on the seat or legs may cause the stool to fall, leading to injury.

Keep fingers away from moving parts during operation.

Fingers can become caught in the moving parts, causing injury.

Do not sit on the stool with the tilt lever pulled up to the unlock position.

The seat or backrest may move unexpectedly, causing injury.

Clean the stool thoroughly.

Poor cleaning may cause bacteria to grow, posing a health risk. See cleaning procedures on page 15.

Be sure to carry out the daily inspection.

Use of the product without daily inspection may cause injury or damage to peripheral devices.

See daily inspection information on page 16.

Discontinue use of the stool when it is broken.

For a broken stool, immediately discontinue use and ask your local authorized Belmont dealer to repair the stool.

Installing or transferring the product



Use and maintenance of the product



CAUTION

Precautions when moving the product

Sit on the seat or hold down onto the seat by hand when moving the stool. If the stool is moved with no load applied, the casters may drag, making scratches on the floor.

Do not use the product as a cart.

This could lead to injury or failure.

Do not pull up the tilt lever when no one is sitting on the seat.

When the lever is released, the seat, making a sudden forward movement, may cause shock and sound, leading to injury from the backrest.

Use the product on a firm and flat floor.

Placing the stool on a floor other than a firm and flat floor may cause it to fall, leading to injury.

Pay attention to patients, especially children.

Keep your eyes on the patient when the stool is in use. Patients (especially children) may touch the stool or contact it inadvertently, leading to an accident due to incorrect operation of the stool.

Points to remember when sitting on the product

Do not sit on the edge of the stool. When you sit on the stool, do not tilt it or apply excessive load to the backrest by reclining on the backrest and stretching. This may lead to falling, causing injury or damage to peripheral devices or facilities.

Slowly lean back on the backrest when reclining it.

When you recline the backrest by tilt control, slowly lean back on it to prevent the stool from falling.

Ensure that each part operates normally before operation.

Always inspect the stool for abnormal findings such as loose components, backlash, tilting, vibration, and sound. If you feel something is wrong, immediately discontinue use of the stool and contact your local authorized Belmont dealer.

3-1 Operating Precautions

Immediately wipe off any drug solutions adhered to the EURUS STOOL.

Otherwise, they may cause deterioration or discoloration.

Do not apply heat to this product.

This may cause deterioration or discoloration.

Discoloration of resin

Resin materials are used in external components of this product. Carefully selected materials are used; however, discoloration may occur for reasons such as natural deterioration or the adherence of drug solutions.

To ensure use of the EURUS STOOL for as long as possible, immediately wipe off any drug solutions adhered and avoid sunlight.

Do not place objects other than a human being on the seat.

This may cause deformation, tearing, or corrosion of the leather.

Do not hit or rub the product.

This may cause damage or operational failure.

Clean the casters from time to time.

If hair or dust becomes entangled around a caster, it will not move. Inspect the casters occasionally and clean them.

Pay attention to prevent body parts or objects from becoming caught in the treatment table during automatic operation.

Pay close attention to the position of the stool when the patient chair is in automatic operation. The stool may damage the backrest of patient chair or stool.

Use the product on a wooden floor.

The stool is equipped with casters on the assumption that it will be used indoors on a wooden floor. Use of the stool outdoors or on a rough, concrete floor may cause damage to it.

Check the position and direction of the seat before sitting on the product.

Sliding off the stool may occur depending on the position or direction of the seat.

Sit on the center of the seat when lowering the seat.

The seat may not be lowered if it is operated without a person sitting in the center of the seat.

3-2 Precautions for Using Synthetic Leathers

Adherence of clothing dye

Dye may migrate from clothes or belts to the synthetic leathers of this product. If dye is adhered, wipe gently with a soft cloth impregnated with a neutral detergent diluted to about one-tenth with water as soon as possible to prevent penetration. Next, wipe with water and then thoroughly with a dry cloth.

Pay attention to prevent deterioration and dye migration due to contact.

Contact with other resin materials, coated products, solvents, and adhesive tapes may cause changes in the surface gloss, cracks, deformation or abrasion.

Dye may migrate from newspapers or printed matters to this product.

Dye may migrate from printed clothes such as T-shirts or denim clothes to the leathers of this product.

Adherence of benzene, nail polish remover, alcohol, or oil may cause discoloration, surface dissolution, changes in gloss, hardening, softening or abrasion.

Use of a bleaching agent or a sheet cleaned by bleach may cause changes in gloss or discoloration.

Placing the product near a heat source such as a heater may cause deformation or discoloration.

Shield the product from direct sunlight by using a curtain. Direct sunlight may cause surface change, shrinkage, discoloration or fading.

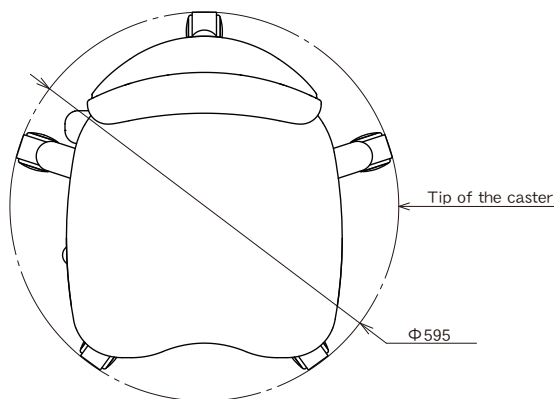
Placing a heavy object on the product for a long time may leave a mark or wrinkle.

4 Product Specifications

4-1 Technical Data

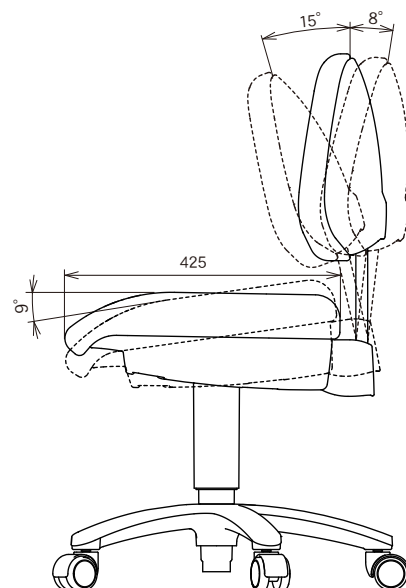
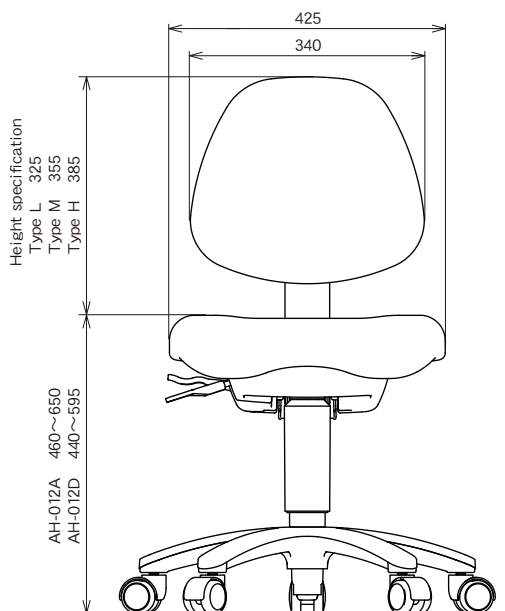
Model	AH-012A / AH-012D
Weight	12.0 kg
Initial height/stroke	AH-012A 460/190 mm AH-012D 440/155 mm
Seat up/down mechanism	Gas cylinder (manual operation)
Tilt control of the seat and backrest	Manual operation (no seat tilt control is available for AH-012A)
Upholstered parts	Synthetic leather
Operating environment	Temperature 0°C to 40°C Humidity, 10% to 95% Atmospheric pressure, 700 to 1,060 hPa
Transportation/storage environment	Temperature, -20°C to 70°C Humidity, 10% to 95% Atmospheric pressure, 700 to 1,060 hPa
Weight limit.....	135 kg

Nature of gas cylinders
Regarding the characteristics of the gas cylinders, lifting and lowering performance declines gradually as time passes.



Unit : mm (tolerance in dimensions: ±10%)

* The dimensions and specifications are subject to change without notice.



4 Product Specifications

4-2 Major Components



5 Operation

5-1 Seat Up/Down Operation



Up

The seat will rise when you partially rise from the seat and pull up the up/down lever.

Once the up/down lever is released, the seat will stop rising.

Down

The seat will go down when you sit on the seat, putting your weight on it, and pull up the up/down lever.

Once the up/down lever is released, the seat will stop going down.

When you sit on the stool, putting your weight in the center of the seat, and pull up the up/down lever, the seat will go down smoothly.

5-2 Seat and Backrest Tilt Operation



When you sit on the seat and pull up the tilt lever, the seat and backrest will be unlocked and can also be leaned forward/reclined.

When you pull down the tilt lever at the desired position, the seat and backrest will be locked.

(No seat tilt control is available for AH-012A.)

WARNING

Keep fingers away from moving parts during operation. Fingers can become caught in the moving parts, causing injury.

Do not sit on the stool with the tilt lever pulled up to the unlock position. The seat or backrest may move unexpectedly, causing injury.

CAUTION

The tilt lever must not be pulled up when no one is sitting on the seat. The seat and backrest will be unlocked, causing shock and sound, leading to injury from the backrest.

5-3 Casters with Brakes



Caster with brake
(3 out of 5)

CAUTION

To prevent the stool from moving unexpectedly with no load applied and to allow sitting on the stool safely, brakes are available for three of the five casters.

When you sit on the stool, the brakes will be unlocked on these casters.

When you stand up, the brakes will be locked on these casters to prevent the stool from moving.

(*The casters will not be locked completely.)

Sit on the seat or hold it by hand when moving the product. If the stool is moved with no load applied, the casters may drag, making scratches on the floor.

6-1 How to Clean the EURUS STOOL

After use, always keep the stool in good condition and clean.

Leathers/resin

Wipe gently with a dry and soft cloth.

In the case of heavy dirt buildup, wipe gently with a soft cloth impregnated with a neutral detergent diluted to about one-tenth with water. Then, wipe with water and thoroughly with a dry cloth.

For cleaning and disinfection of leathers and covers, wipe their surface with a soft cloth or paper towel impregnated with FD366 produced by DÜRR, and then wipe with a dry cloth. Do not use the stool until the cleaning agent has dried completely.

Metal

Wipe with a dry and soft cloth.

Wipe off any water spills promptly.

This may cause rust.

Never use any of the products listed below:

Volatile chemicals such as paint thinner, butanol, isopropyl alcohol, nail-varnish remover, gasoline, or kerosene; acid, alkaline or chlorine detergents; highly corrosive disinfectants (povidone-iodine such as Isodine, sodium hypochlorite, etc.); abrasive polishing wax or abrasive sponge

Do not use a brush or scrubber for maintenance. All of these may leave scratches and/or ingrained dirt.

WARNING

Clean the stool thoroughly. Poor cleaning may cause bacteria to grow, posing a health risk.

6 Care/Cleaning/Maintenance by dental staff

6-2 Daily Inspection

To ensure safe use of the product, the stool must be inspected at the specified intervals as described in the table below:

If the product does not operate normally, immediately stop using the product, and contact your local authorized Belmont dealer.

No	Inspection item	Inspection frequency	Inspection method & diagnosis	Possible result of not implementing inspection	Maintenance required if a problem is identified in inspection
1	Check of seat up/down	Once a month	Operate the seat movement by up/down lever	The stool may not operate normally.	Contact your local authorized Belmont dealer.
2	Check of stopping the seat	Once a month	Operate the seat up/down and confirm it stops at the proper position when releasing the lever.	The stool may not operate normally.	Contact your local authorized Belmont dealer.
3	Check of tilt for seat and backrest	Once a month	Operate the seat and backrest movement by tilt lever.	The stool may not operate normally.	Contact your local authorized Belmont dealer.
4	Check of stopping the seat and backrest	Once a month	Operate the seat forward/reclined and confirm it stops at the proper position when releasing the lever.	The stool may not operate normally.	Contact your local authorized Belmont dealer.
5	Check of movable parts	Once a month	When each movable part is moved, no noise, wobbliness, or other errors are observed.	The stool may not operate normally.	Contact your local authorized Belmont dealer.
6	Removal of stain and chemicals	After work	Clean the entire product, whether or not there are any visible stains or chemicals adhered.	This may cause the deterioration or discoloration of external components and the rust of metal parts.	Clean the product [page 15].

WARNING

Be sure to implement daily inspection, referring to these instructions.

Use without implementing daily inspection may result in injury or damage to the surrounding devices/equipment.

7-1 Servicing

When you request for repair

Refer to 'Troubleshooting' [from Page 18 on] before you check the device. If the problem persists, contact your local authorized Belmont dealer to request a repair.

7-2 Standard Period of Use

The standard period of use of this stool is seven years. The standard period of use is defined as "the standard period of time in which a product can be used safely under the standard conditions of use specified for each product."

7-3 Parts Retention

We hold service parts such as consumables for products for 7 years from the time of launch.

* Service parts are parts required for repair to return the product to the original state and functions or to maintain its functions.

8 Troubleshooting

8-1 Troubleshooting

If you encounter any of the problems listed below, take the countermeasures described below before requesting a repair. If the problem persists even after troubleshooting, stop using the product immediately, contact your local authorized Belmont dealer.

Phenomenon	What you need to check	Measures
The seat does not go up.	Are you operating the up/down lever while sitting on the seat?	Partially rise from the seat and operate the up/down lever.
The seat does not go down.	Are you operating the up/down lever without sitting in the center of the seat?	Sit in the center of the seat and operate the up/down lever.
The seat and backrest do not lean forward/recline (no seat tilt control is available for AH-012A).	Is the tilt lever pulled down?	Pull up the tilt lever.
The casters do not rotate smoothly.	Is there hair or dust entangled around the casters?	Clean the casters and remove the dust or hair.
The stool makes a strange sound.	—	Contact your local authorized Belmont dealer.

9-1 Accessories

- Instructions for Use (this document)
- Installation Instructions



TAKARA BELMONT CORPORATION

2-1-1, Higashishinsaibashi, Chuo-ku, Osaka, 542-0083, Japan

TEL : 81-6-6213-5945

FAX : 81-6-6212-3680

