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User Guide **for Echocardiography Tables** **with Electric, Hydraulic or Manual Height Adjustment**

Unpacking

Material - cardboard
Dimensions - approx. 2000 x 700 x 700 mm (LxWxH), for table width approx. 650 mm
Dimensions - approx. 2000 x 850 x 700 mm (LxWxH), for table width approx. 800 mm

1. Place the echocardiography table in the original packaging close to the setup area.
2. Do not open the cardboard box with force.
3. The echocardiography table is delivered complete. Accessories where applicable are packed inside the cardboard box.



Manual



Hydraulic



Hydraulic (scissor mechanism)



Electric motor



Electric motor (scissor mechanism)



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Important

AGA Sanitätsartikel GmbH is not responsible for damages caused by the non-observance of these instructions.

Notice:

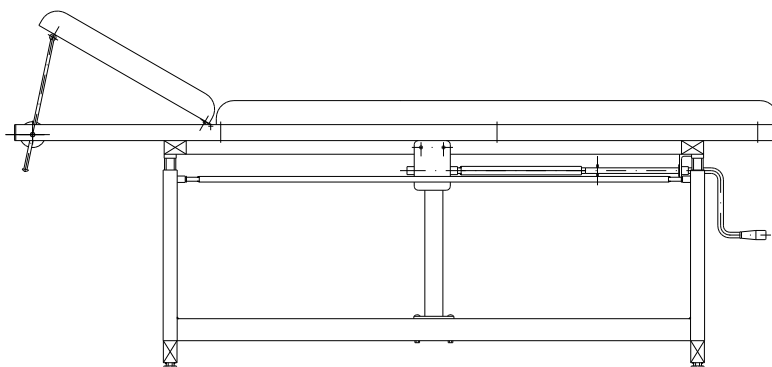
	Crushing hazard! Before and during the adjustment of the product, the path must be checked and be clear of any objects and people. Unsupervised adjustments or incorrect operation could result in crushing.
	Do not enter / climb! Climbing onto the product may cause the centre of gravity to shift. Instabilities could occur and damage to the product could be caused due to the undue surface overload.
	CE mark

Setup

1. Place the echocardiography table upright onto its feet.
2. The table is equipped with four levelling screws under the feet to compensate for uneven floors and provide enhanced stability. This does not apply to deliveries with castors.
3. Connect the table to the main electricity supply (230V, 50/60Hz) using the earthed socket provided.

The echocardiography table is then ready for immediate use.

Manual height adjustment (crank drive)



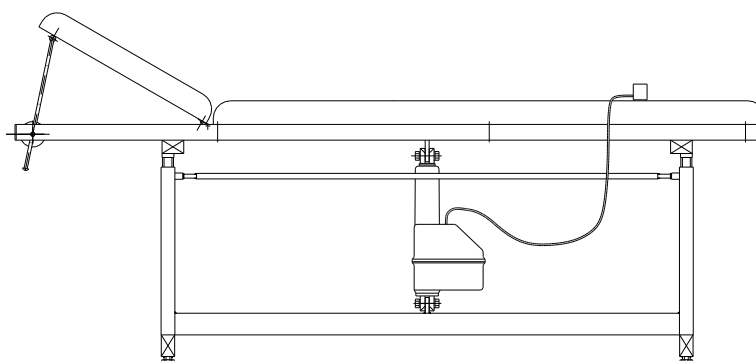
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The height adjustment is operated with the hand crank, located at the foot end. After use, the hand crank is simply pushed back under the lying surface. The height adjustment can, of course, also be done with the patient on the table.

Hydraulic height adjustment

The height adjustment of the hydraulics is controlled by a foot pump. The height adjustment can, of course, also be performed with the patient on the table. To lower the table, simply press and hold the foot pedal upwards.

Electric height adjustment by hand switch



The switches control the electric motor through electronics. The adjustment system is designed so that there is a key lock. It is therefore not possible to start the motor simply by actuating it. If you operate the mechanism, it is necessary to briefly press a direction button once and then press it again to make an adjustment. This adjustment time is limited to 30 seconds, then the two-time actuation must be repeated. Before actuation, make sure that the travel path is free.

ATTENTION : there is a risk of pinching.

Remark:

All motor drives have been designed with an intermittent operation of **25s ON / 400s OFF**. During these cycles, the drives can be operated continuously. If this period is not observed, the motor is switched off by means of a thermal switch and is switched on again after the drive has cooled down.

Health & Safety Regulations (DGUV Rule 3)

All AGA Sanitätsartikel GmbH electromotive adjustable examination tables and chairs are subject to a complete functionality check in our factory before dispatch according to §5 of the above regulations.

An additional thorough functionality test by a fully qualified specialist is required after any repair, before resuming operation.

Otherwise, only regular safety checks are required.

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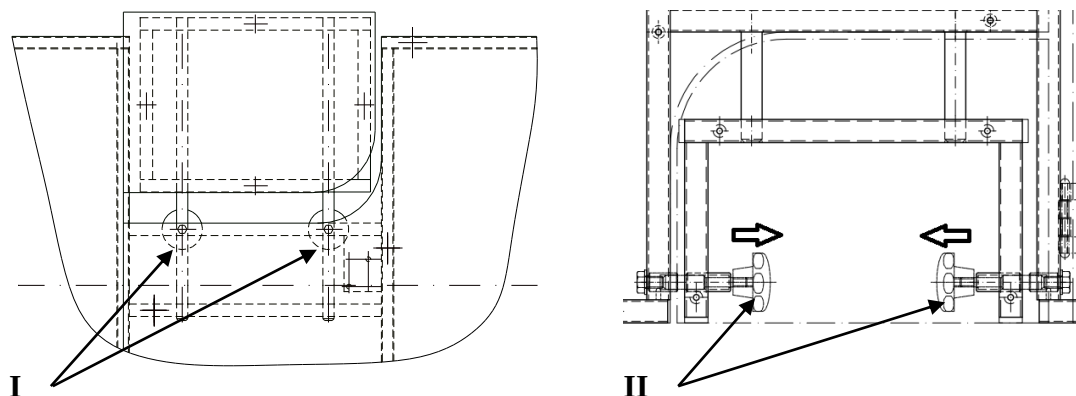
Removable upholstery insert for echo cut-out

There are two ways to remove the upholstered insert from the table surface.

In variant **I**, the handles on the underside of the tabletop must be loosened so that the insert (pad) can be pulled out. Insertion takes place in reverse order and the handles must be tightened again.

In variant **II**, the handles must be moved in the direction of the arrow to release the lock. Then the upholstered insert (pad) can be pulled out. When inserting the pad back into place, make sure that the handles are correctly and fully engaged again.

When the upholstered insert is pushed in, the clamping handles must always be tightened to secure (variant I) or fully engaged (variant II).



Top view of the removable pad for echo cut-out.

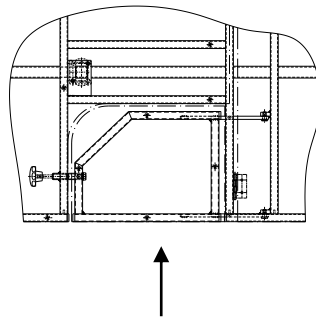
Folding upholstery insert for echo cut-out



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The upholstery pad for the echo cut-out is secured by a hand wheel with bolts. To fold it, first pull the wheel towards the feet end of the table.

To close the echo cut-out again, lift the upholstery pad and push the hand wheel with bolts towards the head end of the table until secure.



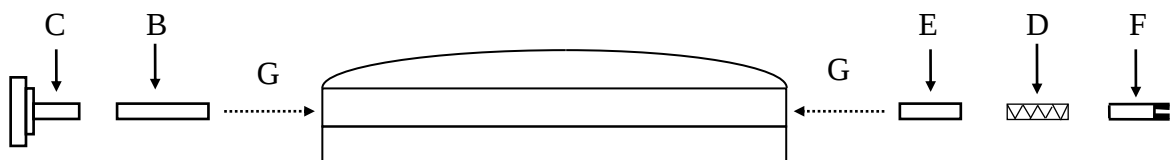
Top view of the removable pad for echo cutout.

Headrest adjustment by grid

The headrest adjustment is done by grid. In order to be able to lower the upholstery part, the headrest must be pulled upwards completely until the latching mechanism is unlocked.

Please note that the headrest adjustment mechanism is equipped with a factory-set mechanism that prevents it from falling down too fast. The mechanism is set at our factory in such a way that the headrest must be adjusted by applying some force.

Continuous headrest adjustment by clamping rod mechanism



1. To reposition the clamping handle **C** from one side of the table to the other, first remove the setscrew **F**, then slightly tilt the table sideways to release both the pressure spring **D** and push rod **E** (75mm).
2. Unscrew clamping handle **C**, and slightly tilt the table sideways to release the push rod **B** (100mm). Now insert push rod **B** (100mm) into opening **G** on the preferred side and screw clamping handle **C** back in. Then, on the opposite side, first insert the push

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rod **E** (75mm), then the pressure spring **D** and finally lock in place with the setscrew **F**.

3. The spring brake can be adjusted by first loosening the clamping handle **C** completely. Place the headrest manually in the middle position, and tighten the setscrew **F** clockwise until the headrest is secured.
4. The spring brake can be adjusted by either loosening or tightening setscrew **F** as required.

Spring Brake

Please note that the table is equipped with a spring brake to prevent sudden dropping of the adjustable parts. The spring brake must always be adjusted as described above (3 and 4).

Note: For safety reasons, the clamping handle of the adjustable parts must remain tightly secure at all times. It should be loosened for adjustment only.

Safety checks regulations (Medical Products Act § 11)

A complete inspection of all serviceable and adjustable systems should be conducted at least every two years. The operator of the equipment must ensure that this safety inspection be carried out by a fully qualified specialist meeting the requirements described in sentence 4.

Technical measurement regulations (Medical Products Act § 14)

AGA Sanitätsartikel GmbH products are not subject to technical measurement regulations.

Cleaning and maintenance

1. Cleaning: The daily cleaning can be performed in any position of the table. All adjustment systems are to be protected from the possible infiltration of liquids. The lacquered areas and upholstery can be washed with a mild soap solution and then gently rubbed dry (do not let dry in sunlight).
2. Maintenance: The electric adjustment systems are maintenance-free.

Note: Current information on upholstery care and maintenance as well as disinfection products compatibility can be found on our website at www.agasan.com/en/downloads.

Technical data

Tabletop dimensions:	1900 x 650 / 800 mm (LxW)
Upholstery thickness:	64 mm
Size of echo cut-out:	405 x 300 mm or 330 x 260 mm
Headrest adjustment range:	+ 30 °

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Maximum load capacity: 200 kg
Drive specification: 230V, 50/60 Hz., 3,7 A, 850 W, IP55, 7.000N

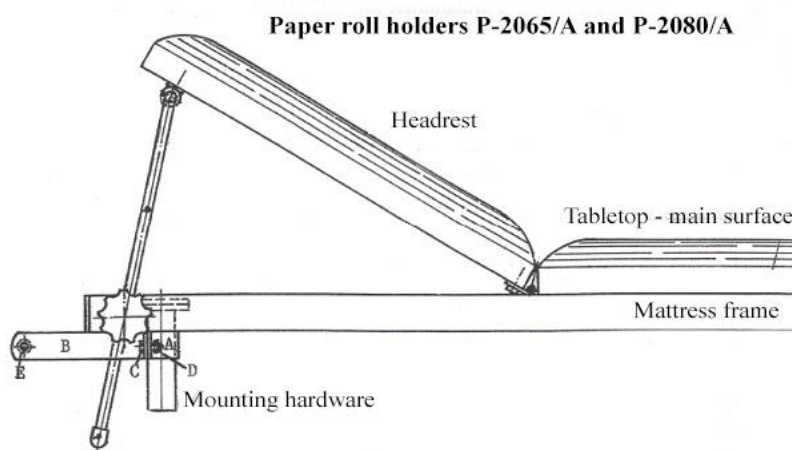
Safety recommendations

For product safety reasons, this product may only be used with **original accessories from AGA Sanitätsartikel GmbH** or with approved accessories from third party suppliers authorized by AGA Sanitätsartikel GmbH. The use of non-AGA-approved accessories is at the user's own risk.

Any changes or manipulations of a product will void all warranty claims.

Paper roll holder

The paper roll holder is available at an extra charge and is therefore not part of the scope of delivery.



The paper roll holder consists of twenty-three parts:

1. The two attachments sets (mounting hardware) **F** are screwed to the bottom of the frame by means of two Allen screws and two spring rings in the corners (*either at the head end or at the foot end, as desired*).
2. Place the clamp **A** around the mounting hardware.
3. The two holes of the angle **B** (on the short leg) fit exactly to the holes of the clamp. Screw them together using the enclosed screws **C** and wing nuts **D**.
4. Repeat the procedure for the second mounting hardware piece.

Note: The two black round plugs at the end of the L-brackets must face each other.

5. Place the paper roll support bar between the two L-brackets on the black plugs **E**. To do this, the two L-brackets must be slightly spread apart.

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Mobile use

The castors are available at additional cost and not part of the standard equipment of the table. The mobile tables are already equipped with castors under the leg frame. The set of four castors includes two lockable ones, which are placed diagonally.

The castors with central locking system are equipped with a lever at head and foot end. All four castors are linked with rods. By pushing/pressing the lever, the castors can be locked or released accordingly.

The castors must be locked at all times to prevent the table from rolling, when transferring a patient for example. **Release the castors for transport only.**



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