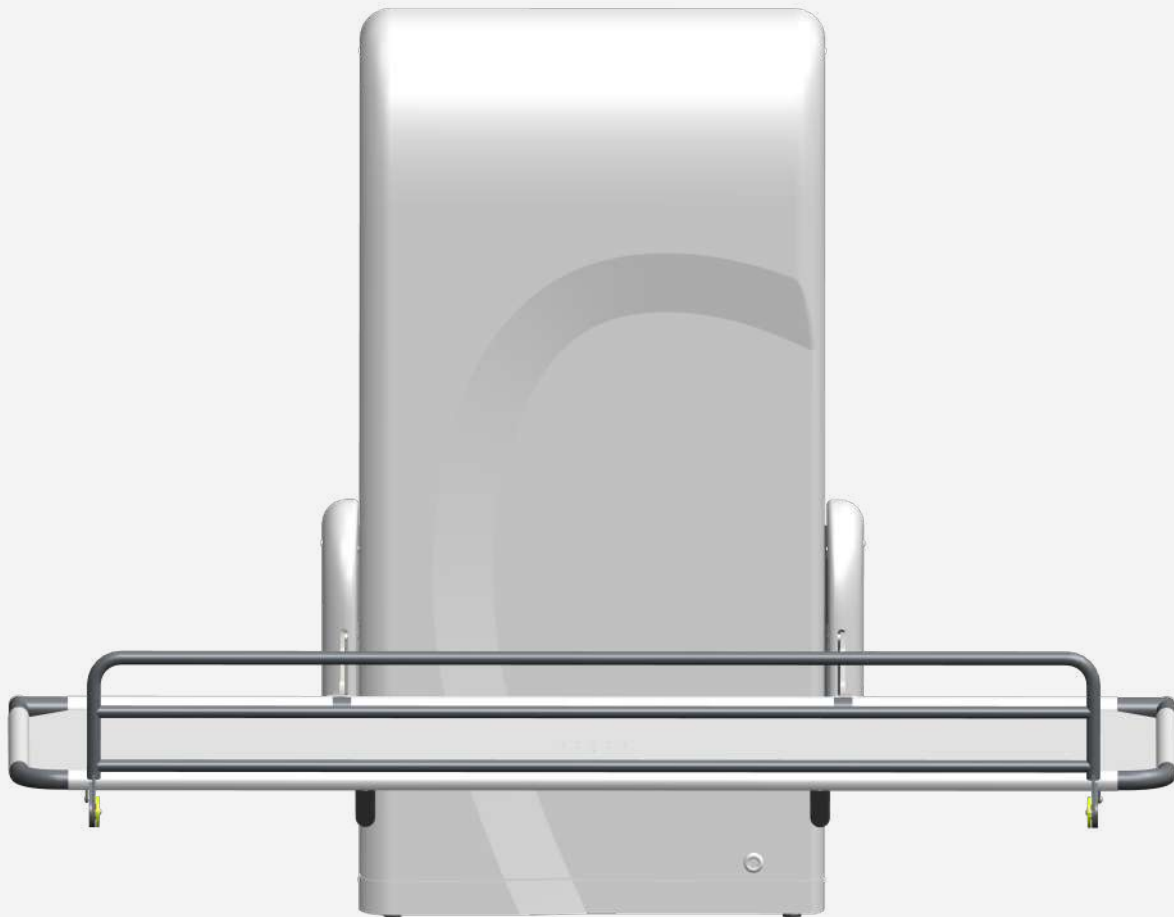


Astor Nivano CTE2

Height Adjustable Changing Table



Installation and User Guide



Nivano CTE2 Changing Table:

The Nivano CTE2 height adjustable changing table is intended for showering and changing children and adults weighing 150 kg (Standard Model) up to 220 kg (Uprated Model). The changing table must not be used for any other purpose. This manual shows the 1900 mm length unit with the optional guard fitted. Your equipment may be different depending on what has been ordered.















WARNING: Before installing or using this equipment you must read and fully understand these instructions.

Product description

The height adjustable changing table is powered by a 24Vdc control system with battery backup. The battery enables the use of the changing table in the event of mains electrical supply failure. It is essential that mains electrical power is switched on at all times to maintain the charge of the backup batteries.

Equipment data labels

Model: Nivano CTe2 		
Lift range: 600 mm SWL 150 Kg		
230V ~ 50Hz 250W IP X4		
		
	Pb	
Made in England by: Astor Bannerman (Medical) Limited 11f Coln Park industrial estate Andoversford GL54 4HJ LB35		

Model: Nivano CTe2 		
Lift range: 600 mm SWL 220 Kg		
230V ~ 50Hz 250W IP X4		
		
	Pb	
Made in England by: Astor Bannerman (Medical) Limited 11f Coln Park industrial estate Andoversford GL54 4HJ LB36		

Warranty

Once registered, this product has a 3 year warranty against all defects in manufacture. This does not affect your statutory rights.

To **validate your warranty** and for full terms and conditions, please register your product and your details immediately:

online at: www.astorbannerman.co.uk/services

email our support team: support@astorbannerman.co.uk

or call us on: +44 (0)1242 820820

This warranty is provided by Astor Bannerman to the registered Customer.

Equipment requiring commissioning must be commissioned for this warranty to be valid.

To maintain the warranty, the equipment must be serviced at least on an annual basis by a competent, factory trained technician. Service or repairs undertaken by persons other than competent qualified technicians will invalidate this Warranty.



Electrics

A.C. Input: 230 Vac, 50 Hz, 650 W Maximum

D.C. Output: 24 Vdc, 6 A Maximum

Duty cycle: 10 % maximum: 2 min use & 18 mins rest

Product weight (Dry): 70 kg

Maximum user weight: 150 kg / 220 kg

'A' weighted sound emission: <70 dB(A)

Transport and storage

Ambient temperature range: 5 °c to 70 °c

Relative humidity range: 10 - 80 % not condensed at 20 °c

Atmospheric pressure range: 50 kPa to 106 kPa

Recycling

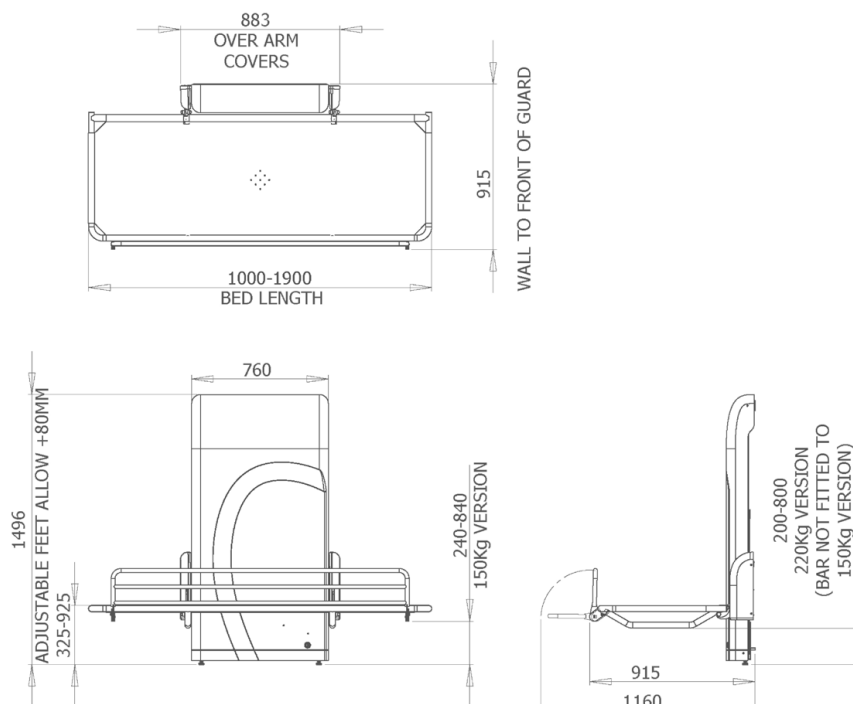
Battery: Recyclable. Not for disposal. Environmental danger

Packaging: Wood and corrugated cardboard, recyclable

The product: Electrical components, batteries, steel and plastic parts to be separated and recycled to local requirements

Product dimensions

Note: The adjustable feet allow the installation height to be adjusted by up to 80 mm, which will allow adjustment to the operational height range. Should this adjustment not be enough, the changing table may be fully wall mounted so it can be installed further up the wall at the desired operational height.



Carry out the following checks daily before using the changing table

- Check the weight of the client and ensure the equipment is rated for the weight to be lifted.
- Check the mains electrical supply is connected and turned on.
- Check there are no obstructions or items that may be trapped when the changing table is operated.
- Check that the changing table will raise and lower using the handset.

Getting the changing table ready for use - Figure 1

The changing table is held in the stowed position by gas springs. There is no release mechanism to operate before deploying the stretcher.

To move the stretcher from the stowed position:

- Place your hand on the top edge of the stretcher.
- Pull gently forward and the stretcher will begin to rotate down.
- During the rotation, the stretcher will gain a little momentum, so position your hand underneath to aid it lowering slowly down.

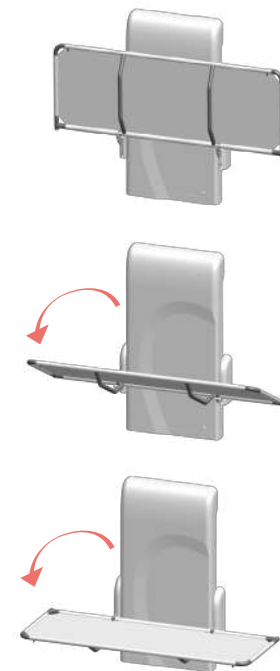


Figure 1

Adjusting the height of your changing table - Figure 2

The changing table is operated with a handset control.

- Pressing either of the top buttons will either raise or lower the changing table to the desired height.
- Use the raise/lower buttons to position the table at the most convenient height to transfer the client. Then adjust the height again for use with the client positioned on the stretcher.

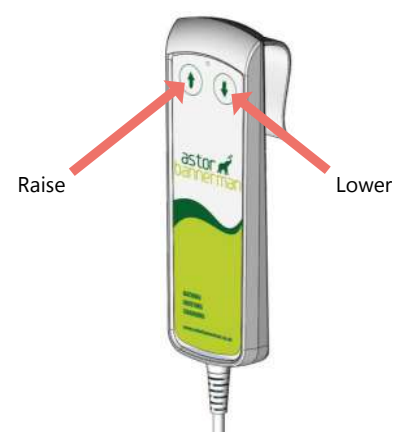


Figure 2

Using the guard

Depending on the specification supplied, the changing table may have a front guard.

To deploy the guard - Figure 3

- Reach underneath the stretcher and take hold of the guard.
- Lift the guard in the direction of Arrow 1. Take care not to let go as it may swing around on its own.
- Rotate the guard forward and up into position, Arrows; 2, 3 and 4.
- Once upright, the guard will be able to drop down into its location and lock into place.

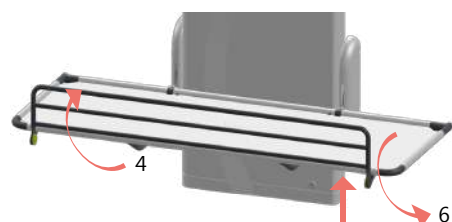
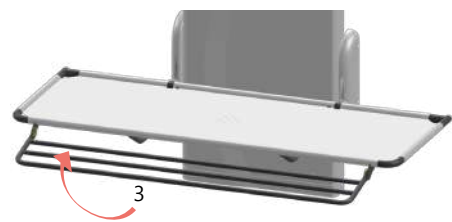
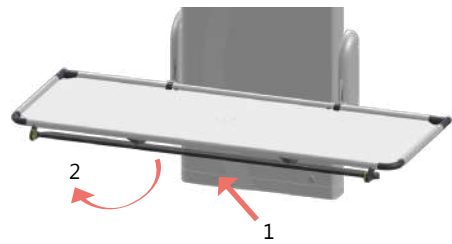


Figure 3

To stow the guard

- Lift the guard up until it can be rotated back towards you Arrow 5.
- Rotate the guard down and back underneath the stretcher Arrow 6.
- Push the guard up underneath the stretcher until it slots into its locked position.

OPTIONAL: Using a headrest - Figure 4

- Position the headrest before transferring the client.
- Lift the headrest up to the desired position and ensure the support bar is locked securely into place.
- If it is no longer required, sit the client forward before stowing back into the flat position.



Figure 4

Before the changing table can be installed, the wall and mains electrical supply must have been prepared as set out in Pre-Installation Document.

A copy of the information is shown below for easy reference - Figure 5.

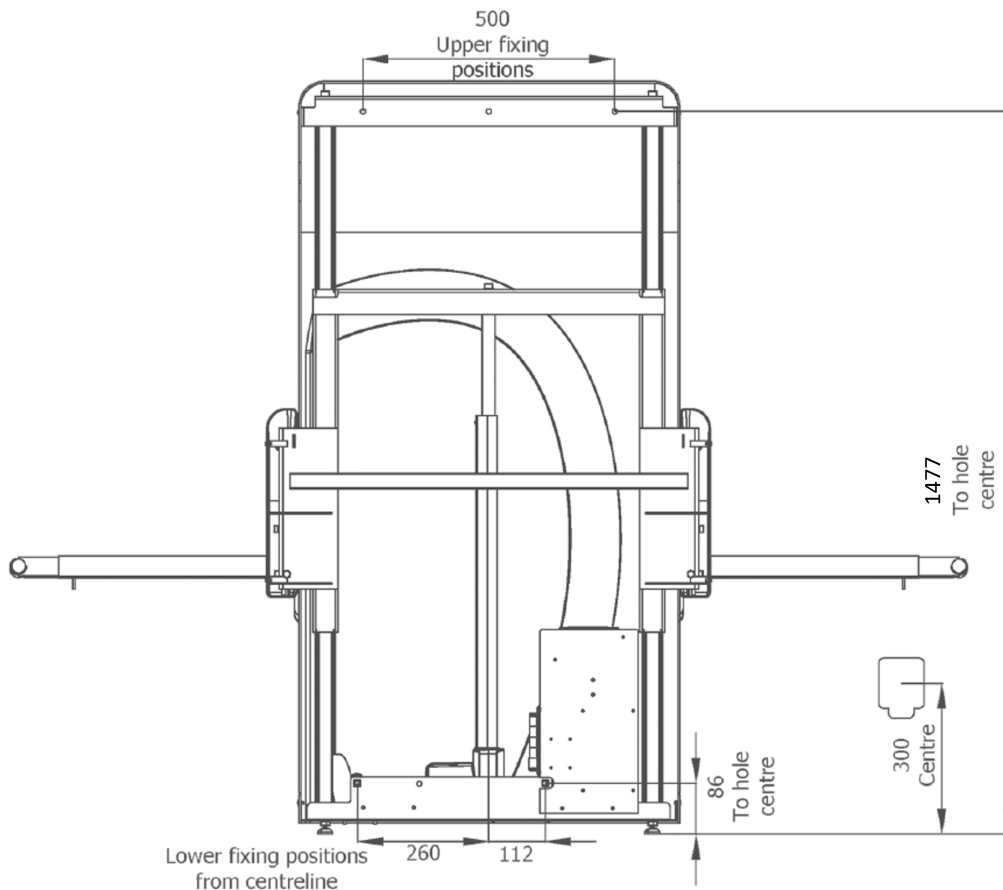


Figure 5

Installation Details

- Electrical requirement: A 230 V, 1.25 kW mains supply is required through a waterproof, switched flex outlet. This can be fitted either side of the changing table.
- Fixing requirement: The Nivano CTE2 is wall-mounted and can rest on the floor or be wholly fitted to the wall.
- There should be a minimum clearance of 40 mm at each end of the stretcher when installed.
- The wall must be load bearing and strong enough to bear a load of 100 kgs on each of the wall fixings. The wall must also be flat and free from obstructions from floor level to 1550 mm and the width of the stretcher length specified, equal about the centreline of the unit.

- If the wall is a stud wall, either 100 x 100 mm noggins can be cross-screwed (not nailed) into the wall or the wall can be faced with minimum 25 mm thick marine ply, secured every 200 mm. The marine ply must be in contact and supported by the floor if this option is chosen.

Please Note: The CTE2 cannot be fitted to metal frame Gyframe or similar stud walls unless it has been fully reinforced with timber struts that are secured top and bottom, with either noggins or marine ply.

Once the wall been prepared to the specification laid out in the Pre-installation document, the main frame (spine) can be mounted onto the wall.

Ensure the wall is strong enough to support unit, 100 kg per fixing - Figure 6

- Position the frame against the wall in the required position. Ensure there is sufficient space to accommodate not only the stretcher, but also the clearance of 40 mm at either end of the stretcher.
- Mark the 6 positions for the fixing holes.
- Remove the frame and drill the holes for the fixings.
- Reposition the frame into place.
- Secure the frame using the appropriate fixings. Follow the manufacturers instructions for fixings where required.

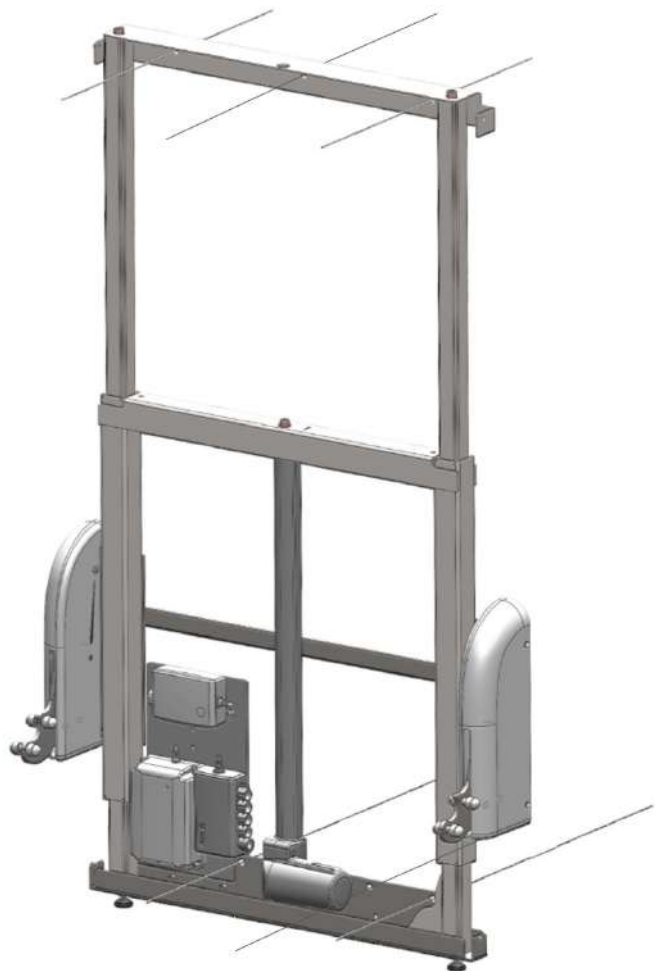


Figure 6

To fit the stretcher - Figure 8

Note this may require two people:

- The stretcher brackets fit inside of the arm plates.
- Once in position, fit the bolts, nuts, washers and caps (fixings) in the order shown.



Figure 7

CAUTION: The heavy use of oil based products may adversely affect the stretcher material. Oils and other petrochemical products should be avoided and any residue removed immediately. These products include, amongst others: Baby oil and emollient creams.

Cleaning

Before cleaning, try a small test first in an inconspicuous area with the cleaning agent you are proposing to use.

The changing table may be cleaned using most mild cleaning agents or with a warm soapy water solution. The changing table should be rinsed off after cleaning and dried off with a soft cloth.

Chemical agents, abrasive compounds and solvents must not be used, i.e. drain cleaners, acetone, oven cleaners or acids.

Attention should always be paid to instruction labels for the cleaning agent.

Troubleshooting

- | | | |
|---|---|---|
| 1. Pressing the handset results in no movement of the equipment. | → | Check the mains electrical power is connected and switched on. Check handset is plugged in correctly. |
| 2. Pressing the buttons on the handset results in the machine trying to move, but fails to operate correctly. | → | Check mains electrical power is switched on and connected. |
| 3. Guard will stay locked in position and/or is difficult to use. | → | Check the mechanism for damage caused during use. |
| 4. Stretcher will not stay upright and /or is difficult to lift into position. | → | One or more of the gas springs have failed. |

If you experience any of these issues and are able to remedy them by following these tips, please contact Technical Support of assistance.

Astor Bannerman Technical Support:

Tel: 01242 820820 | **Email:** support@astorbannerman.co.uk



Astor-Bannerman (Medical) Ltd.
Unit 11F Coln Park Industrial Estate
Andoversford, Cheltenham
Gloucestershire
GL54 4HJ
Tel: 01242 820820 f : 01242 821110
e mail: sales@astorbannerman.co.uk
WEB: www.astorbannerman.co.uk

CERTIFICATE OF CONFORMITY

Manufacturers Name: Astor-Bannerman (Medical) Ltd

Manufacturers Address: Unit 11F Coln Park
Andoversford
Cheltenham
Gloucestershire
GL54 4HJ

Equipment Type: CTe2 Height Adjustable Changing Table

I hereby declare that the above product conforms to the following specification:

93/42/EEC Medical Directive
EN60601-1:2006 Electrical Safety
EN60601-1-2:2005 EMC
EN12182:2012 Assistive products for persons with disability

Signed:



Technical Director

For and on behalf of Astor-Bannerman (Medical) Ltd

Date: 29/08/2017

Directors: Dr. K D Kwok MBBS MRCP ♦ J Stuart-Smith MBA BSc ♦ P G Deverson MIOM
Company registered in England No. 2849299 ♦ VAT No. 630 6090 68



Specialist Bathing | Patient Handling | Changing & Showering

Astor Bannerman The Elephant Works, Andoversford Link, Cheltenham GL54 4LB

Phone: +44 (0) 1242 820820 | **Website:** www.astorbannerman.co.uk

Email: sales@astorbannerman.co.uk | support@astorbannerman.co.uk

