

PATIENT CARE



4H400E

USER MANUAL

ELECTRIC SHOWER TROLLEY

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Warranty:

4Healthcare warrants that its products are free from defects in workmanship, materials and will repair /replace defective components (excluding batteries) from the date of the manufacture of the product.

All service and repairs must be carried out by 4 Healthcare or a certified 4 Healthcare trained Technian.

4Healthcare will not be responsible for any expenses, inconvenience or incidental damages occasioned by the use, loss of use, or misuse of the products, or by failure of the products to conform to the warranty set forth above.

This warranty becomes void if the product shows evidence of mishandling, tampering, installation or use contrary to the application instruction materials , shipping damage, or repair preformed by other than a service personnel authorized by 4 Healthcare.

Routine cleaning, adjustment and normal cosmetic and mechanical wear are not covered by this warranty.
Prompt and written notice is required for a warranty claim.

Note: Batteries are not covered under this warranty as their life is mostly dependent on the operator ensuring continual and regular charging.

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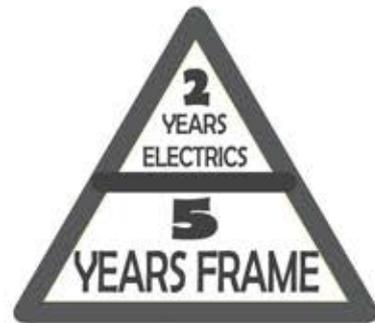
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Safety Precautions:

Only qualified staff who understand all operating and safety procedures may operate the equipment.

Always physically check water temperature before and during showering.

The patient must be positioned comfortably on the stretcher mattress, with side rails SECURELY locked.

Never leave patient unattended.

Do not let patient sit on ends of stretcher.

Castor brakes must be securely locked on the trolley before transferring a patient and once in position over a drain.

Operate the trolley carefully when transporting patients through narrow corridors or over regular uneven surfaces.

Wipe under stretcher to prevent water dripping on the floor.

Equipment must be cleaned after each use.

Never store items under the trolley platform.

When lowering, ensure the area below is clear from obstruction.

The MAX USER WEIGHT IS 150KG.

If you experience any difficulties, please contact our customer service helpline

Ph: 1300 525 520



Specifications:

Trolley Max Height (Platform)	1000mm
Trolley Min Height (Platform)	600mm
Trolley Overall Length	1890mm
Trolley Overall Width	730mm
Under Base Clearance	160mm
Trolley Mass	74Kg
Safe Working Load	150Kg
Maximum Tub Depth	200mm
Tub Length (Internal)	1850mm
Tub Width (Internal)	700mm
Tilt / Drain	8 Deg
Power Source	Rechargeable Battery
	24V DC
	2.9Ah
	IPX5
Battery Charger Input	110 or 240 VAC
	650mA
Battery Charge Time	4 Hours
Time to Raise trolley from low height to max	25 Sec
Time to Lower trolley from low height to max	25 Sec

Standard Features:

- Linak (IPX5 & IPX6) Approved to EN 60601)
- Remote Handset
- Large 50mm Dia Drain Hose
- 125 Dia Twin Wheel Maintenance free castors
- Push handle both ends
- Corner Buffers
- Waterproof Pillow
- Drop side rails for side transfer

Construction:

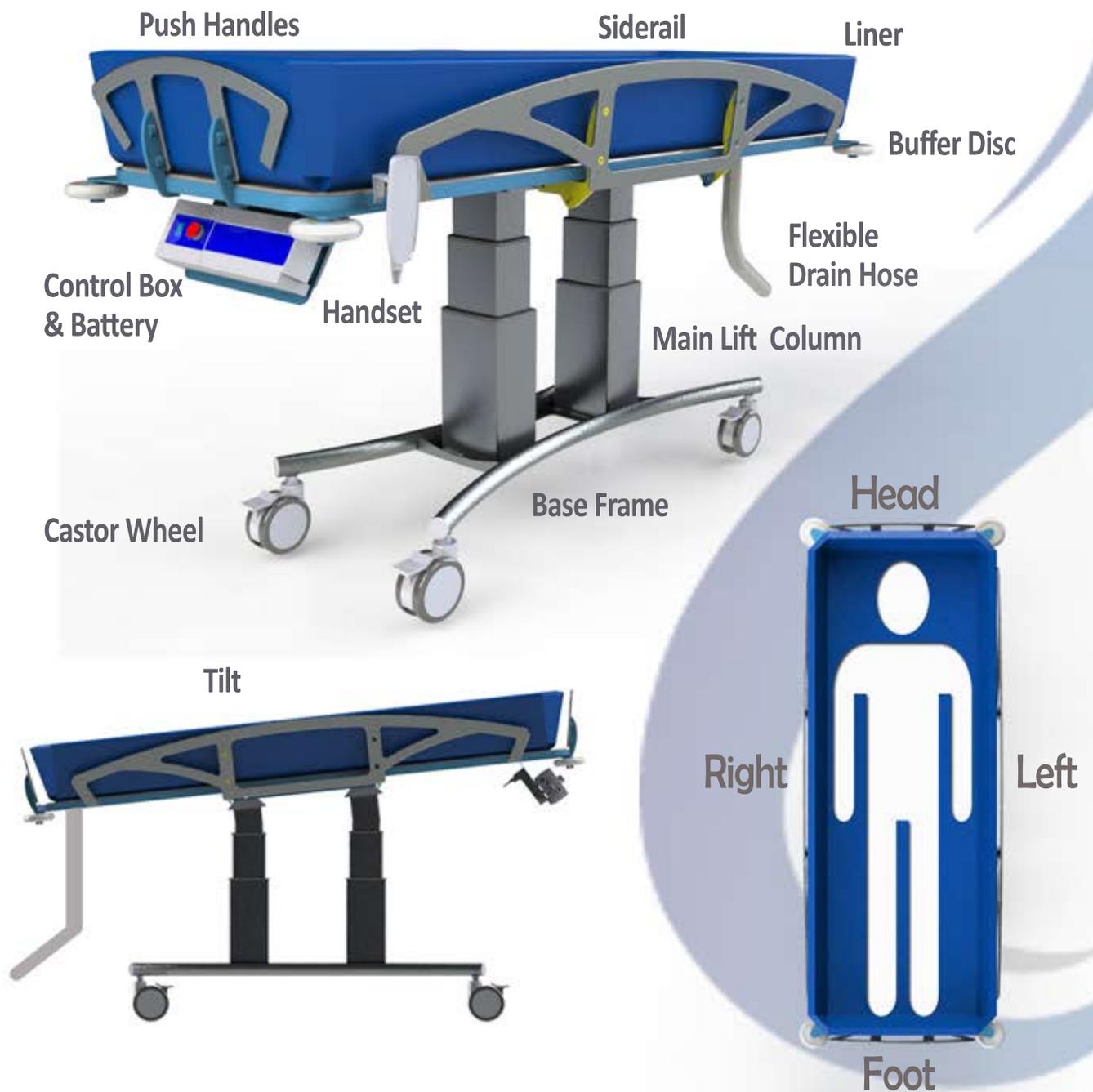
- PVC
- 5083 Alloy
- Stainless Steel



Operation:

The shower trolley is user friendly to operate. However, before use, please read the following instructions carefully. Shower trolleys are generally used to assist patients requiring a reclined / lying position during the washing and showering situation. During the use there must be at least one person present who has received instruction in the use of the shower trolley.

Terminology:



Handset Operation:

The 4H400E electric shower trolley utilizes the latest in electronic technology. This ergonomic handset whilst designed for use in wet areas can not be submerged. Please locate handset back to bracket provided on trolley frame as shown to avoid excess water damage ,dropping handset or accidental operation of handset whilst assisting patient.

High / Low Operation

The raise button is denoted by the up arrow (1) as shown on the handset. Depress this button to raise the trolley to the desired working platform height. The total platform movement is 400mm from its lowest position.

To lower the height of the platform, depress the opposite button (2) indicated by the down arrow.

Trendelenburg / Tilt

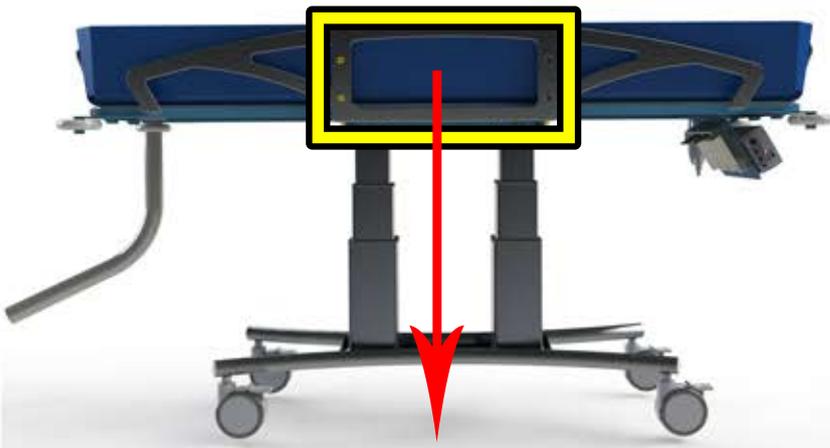
The 4H400E Shower trolley has an electric tilt & drain feature. This has been designed for both draining the trolley and may assist comfort for the patient during bathing.

WARNING: Be careful using the tilt function since there is a risk that the patient may slip downwards during operation.

To tilt, raise the head section depress (3) up arrow as shown. This will raise the head section up by 35mm or 8 degrees.

To level the platform, depress (4) down arrow as shown. This will raise the head section to level.





Side Rail Operation

The 4H400E shower trolley comes standard with folding ergonomic side rails for simple transfer from both sides.

Care must be taken when operating side rails to ensure that they are fully engaged when the trolley is in use.

Before disengaging side rails, ensure that castors are locked.

The side rail can be lowered as shown by pulling release knobs (1) & (2) outwards until the rail disengages.

Slowly lower the rail down as shown.

Do procedure in reverse to secure. Ensure that you hear a click sounds and apply reasonably lateral force to the rail to ensure that the locking pins have engaged correctly.

Safety Functions

Emergency stop: This function is only to be used in an emergency eg. if the shower trolley does not react or does not stop after releasing the hand control operation. If the emergency button has been activated, all functions immediately stop.

The emergency button is not a contact to switch on/off. It always has to be "on", meaning it must not be pressed in. The emergency button can be released by turning the button a ¼ turn to the right.

Battery Charging

The shower trolley is equipped with rechargeable lead acid batteries that require regular charging. 4 Healthcare recommends that the batteries are charged when the shower trolley is not in use .

Below shows how to engage and disengage the battery. Plug the charger into a 240V supply.

A green LED (ON) will be displayed on the front cover. This means there is power and the unit is ready to charge a battery.

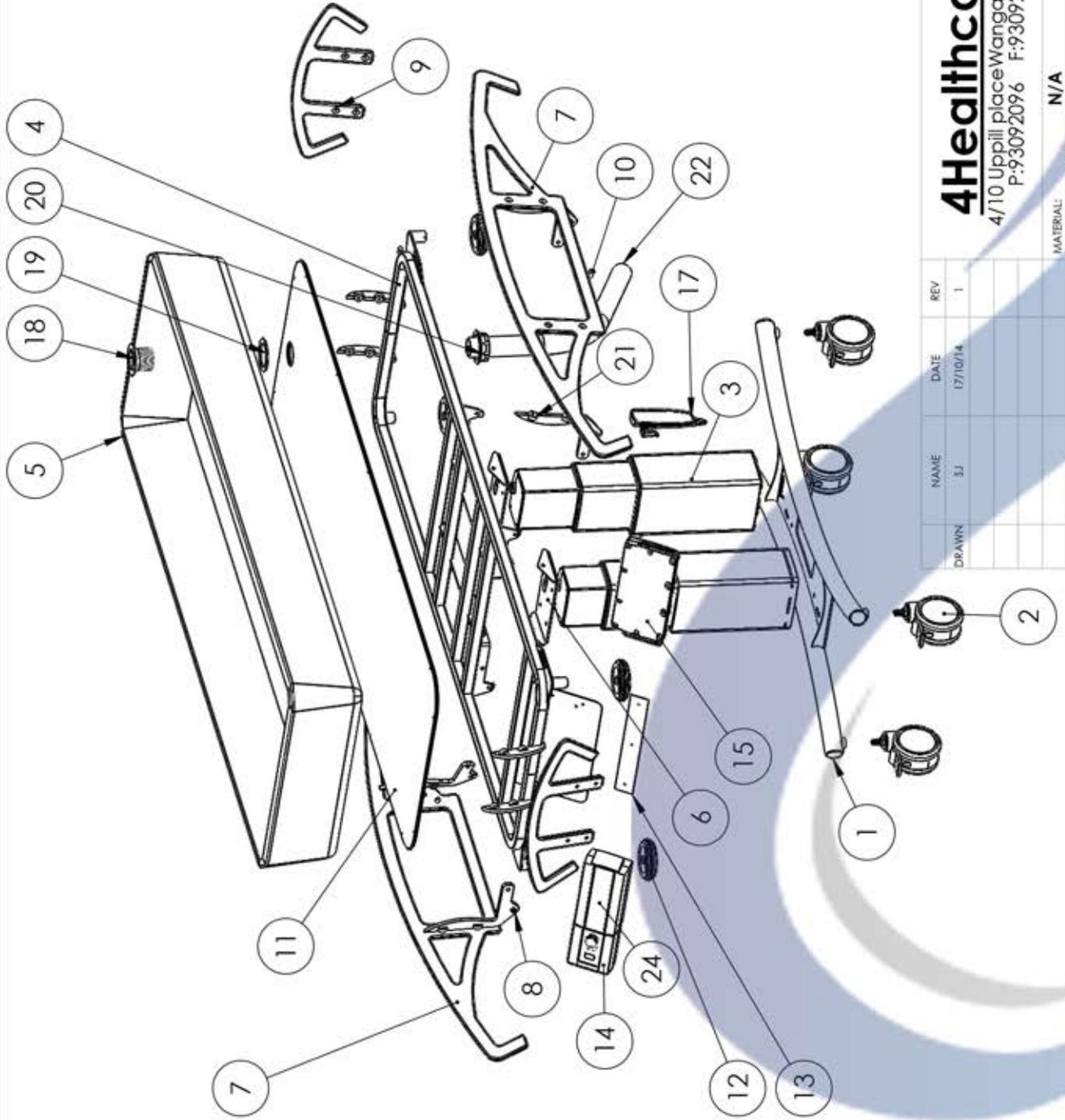
Clip the battery to be charged as shown and the Green light will change to Amber. This means the battery is being charged and will return to Green once the battery has reached full charge. This process from a flat battery generally takes 4 Hrs maximum.



The trolley comes with the battery charger on a mounting bracket. This should be secured in a cool, dry place and securely mounted to the wall.

Replacement Parts

ITEM NO.	PART NUMBER	QTY.
1	4S400BF	1
2	CBT125	4
3	BL1-Lift column	2
4	4S400TF	1
5	400SL	1
6	4S400ATM	2
7	4S400SR	2
8	SPIN	4
9	400ER	2
10	M8x20CAP	16
11	400TSPVC	1
12	25 Round Buffer	4
13	MBJ1	1
14	COBO	1
15	CU20	1
17	HD80 Linak Handset	1
18	50MM DRAIN BODY	1
19	50MM DRAIN WASHER	1
20	50MM DRAIN NUT	1
21	4S400SRBL	2
22	FLXZ50SU	1
23	4S400SRBR	2
24	BATTERY	1



4Healthcare 4/10 Uppilli place Wangara, 6065 P:93092096 F:93092053		TITLE: Shower Trolley EXPLODED	
DRAWN: SJ NAME: SJ DATE: 17/10/14 REV: 1	MATERIAL: N/A THICKNESS: N/A PROCESS: ASSEMBLY	DWG. NO.: 4H400E SHEET 2 OF 2	A4
DO NOT SCALE DRAWING		REV/CON: 1	SHEET 2 OF 2



Cleaning

The 4H400E shower trolley can be cleaned with a Mild detergent or a diluted solution of sodium hypochlorite using a soft cloth or sponge.

Always flush the surfaces with fresh water after cleaning.

Avoid spraying water directly to electrical components.

Maintenance

Visual Check all components for dents, scratches or any other signs of mechanical damage.

Castors.

Check castors roll freely

Lock castors and check that they do not roll.

Ensure that they are quiet in operation.

Electrical.

Check that the battery engages and disengages correctly.

Check terminals on battery and control box

Check handset for visual signs of damage

Check handset operation

Check handset cable

Check trolley raises and lowers fully

Check tilt operation

Side rails.

Check side rail operation.

Check both locking pins are smooth in operation and fully engage when locked.

Shake rail and check all hinge points