
chorder



MS-5400
USER MANUAL

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PREFACE

Thank you for choosing CHARDER MEDICAL product. All features of this product were designed to state of the art and are optimized for simple and straightforward use. If you have any queries or experience any problems not addressed in the operating instructions, please contact your CHARDER MEDICAL service partner, or visit us on the Internet at www.chardermedical.com

GENERAL INFORMATION

We strongly recommend you use the scales on flat and hard surface. Any soft surface, like carpet will cause inaccuracy.

SAFETY INSTRUCTION

Before putting the device into use, please read with care the information given in the Operating Instructions. They contain important instructions for installation, proper use and maintenance of the device.

The manufacturer shall not be liable for damages arising out of failure to heed the following instructions:

- ◆ When using electrical components under increased safety requirements, always comply with the appropriate regulations.
 - ◆ Improper installation will render the warranty null and void.
 - ◆ Ensure the voltage marked on the power supply unit matches your mains power supply.
 - ◆ This device is designed for use indoors.
 - ◆ Observe the permissible ambient temperatures for use
 - ◆ The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.
 - ◆ Ensure that the patient does not lean against the device risk of falling!
- If you have any problem, contact your local CHARDER MEDICAL service partner.

ENVIROMENTAL

- ◆ All batteries contain toxic compounds; disposal of batteries should be delegated to a competent organization, complying with the deposit of Poisonous Waste Regulation 1972.
- ◆ Please do not incinerate batteries.
- ◆ The optimum operating temperature for the scale is 5°C to +35°C; although it will operate at higher and lower temperatures the scales battery life will be adversely effected.
- ◆ You are legally obliged to hand in used batteries/rechargeable batteries to a local collection point so that they can be disposed of in an environmentally-friendly way. When buying new batteries, select batteries low in harmful substances and no mercury(Hg), cadmium(Cd) or lead(Pb).

CLEANING

- ◆ We would recommend using alcohol based wipes or similar when cleaning the scales.
- ◆ Please do not use large amounts of water when cleaning the scales as this will cause damage to the scales electronics, you should also refrain from using corrosive liquids or high pressure washers.
- ◆ Always disconnect the scales from the mains power supply before cleaning.

MAINTENANCE

The scale does not require any routine maintenance. However, we recommend checking the scale's accuracy at regular intervals. The regularity of these checks is dependent on the level of use and the state of the scale. If any inaccuracies occur, please contact your local dealer or CHARDER MEDICAL service partner.

WEIGHING OPERATION

Before reading detailed instructions on how to use all the weighing functions that are built into your scale, please read the following important guidelines:

- ◆ Always be sure that the display shows `Zero` before use, if it does not then please press the ZERO key.
- ◆ The Professional Medical Hoist scale is designed to detect when a stable weight is achieved, your reading should be taken at this point.

WARRANTY-LIABILITY

- ◆ If a fault or defect is present on receipt of the unit which is within CHARDER MEDICAL's scope of responsibility, CHARDER shall have the right to either repair the fault or supply a replacement unit. Replaced parts shall be the property of CHARDER. Should the fault repairs or replacement delivery not be successful, the statutory provisions shall be valid. The period of warranty shall be two years, beginning on the date of purchase. Please retain your receipt as proof of purchase. Should your scale require servicing, please contact your dealer or CHARDER MEDICAL Customer Service.
- ◆ No responsibility shall be accepted for damage caused through any of the following reasons: Unsuitable or improper storage or use, incorrect installation or commissioning by the owner or third parties, natural wear, changes or modifications, incorrect or negligent handling , overuse, chemical, electrochemical or electrical interference or humidity, unless this is attributable to negligence on the part of CHARDER MEDICAL.

If operating, climatic or any other influences lead to a major change in conditions or material quality, the treaty for perfect unit functioning shall be rendered null and void. If CHARDER provides and individual warranty, this means that the unit supplied will be free of faults for the length of the warranty period.

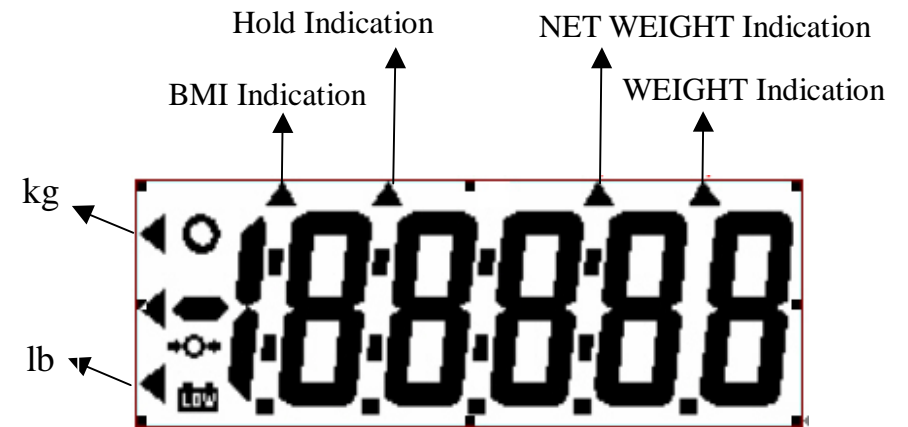
DISPOSAL

- ◆ This product is not to be treated as regular household waste, but should be handed in to an electrical/electronic equipment recycling centre.
- ◆ You can obtain further details from your local council, your municipal waste disposal company or the firm which you purchased the product.

SPECIFICATION

Model	MS-5400		
Capacity	200kg x 100g	250kg x 100g	300kg x 100g
Weight Unit	Kg / Lb selection		
LCD Display	1.0 inch LCD display with 5 and 1/2 digits		
Dimension	1100(L) X 800(W) X 600(H) mm		
Key Functions	ON/OFF, UNIT , HOLD/BMI , TARE		
Power Supply	7.2V 1200mA rechargeable battery pack / AC adapter 15V 300mA		
Operation Temperature	5°C ~35°C		

LCD SYMBOL DESCRIPTION



Above LCD symbol definitions are explained in Page.8 Key Functions.

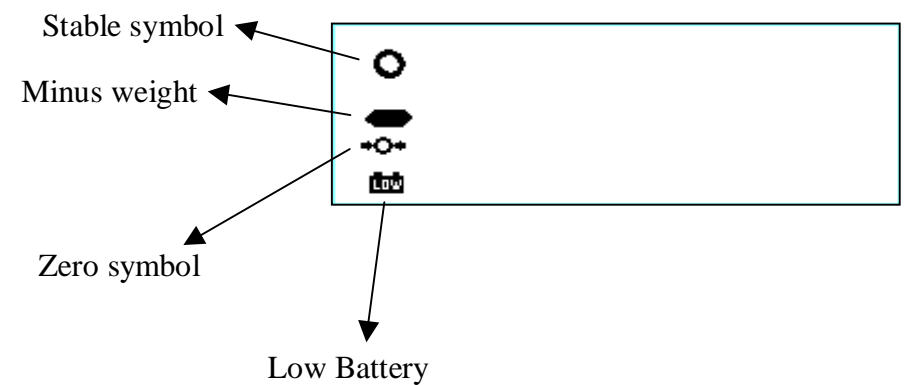
Definitions

Stable symbol: When user stands on scale and is stable.

Minus weight: Weight under zero.

Zero symbol: Weight is at zero point.

Low battery: Voltage is too low to operate.



KEY FUNCTIONS



Description

- **ON/OFF** Press to power on and power off.
- **UNIT** Press to select weight unit (kg , lb).
- **HOLD/BMI**

Press to lock weight during weighing. Press again to release.

Keeping press HOLD/BMI key for 3 seconds to enable BMI function.

- ◆ BMI operation please refer to page 11.

◆

- **TARE** Press to tare the weight of target.

POWER SUPPLY

- The CHR691 uses rechargeable battery pack or AC adaptor.
- When the indicator displays **.Lo** (low battery indication), please plug in the AC adaptor for operations and recharge.

USING YOUR HOLD FUNCTION

1. Press **ON/OFF** to turn on the scale.
2. Let the patient onto the scale after LCD shows “0.0” and stable symbol.
3. Press **HOLD/BMI** key to lock the weight that given by the device.
4. Let the patient off the scale.
5. Check the weight value which being locked.
6. Press **HOLD/BMI** to release the function.
7. Press **ON/OFF** to end your measuring procedure.

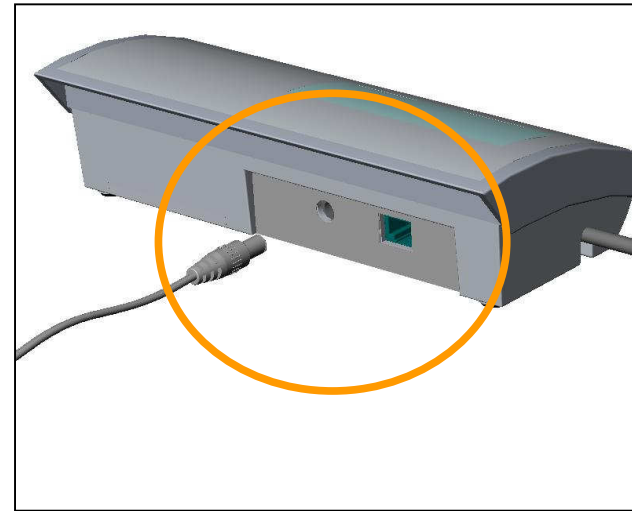
Only pressing the HOLD button shall perform disabling and enabling the weighing lock function.

INSTRUCTION FOR BMI FEATURE

1. Power on the device.
2. You will need to know the height of the person being weighed, so it's the best to measure somebody's height before starting the weighing procedure.
3. Proceed to weigh as normal, after the weight is stable; press **HOLD/BMI** key for 3 seconds to enter into **BMI** mode.
4. The display will then change to a display of height.
5. The person being measured can now get off the scale as the scale has memorized his/her weight.
6. Then the operator starts to enter the height of person (the height should be measured by centimeters).
7. Press **TARE** to change your height. Press **HOLD/BMI** to move to next digit.
8. When the right figure sets for the height display in centimeters, press **UNIT** to finish setting.
9. The display will then show the B.M.I. reading.
10. Press **UNIT** key again to exit the B.M.I. mode.

INSTRUCTION FOR CHARGE AND CONNECT

If Lo is displayed on the LCD, you should charge scale with exclusive adaptor for MS-5400.
Locate adaptor plug at the rear of indicator.



CAUTION:

Always connect the AC adaptor to the indicator before connecting to the mains power supply. Please disconnect the adaptor from main power supply before indicator.

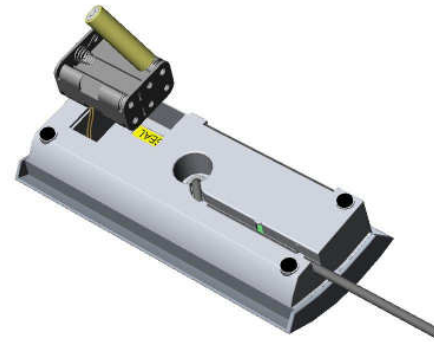
INSTRUCTION FOR REPLACING BATTERY



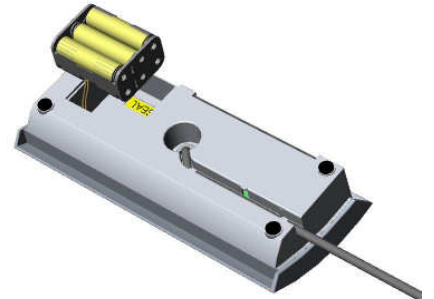
1. Removing the battery cover



2. Take the battery housing out.



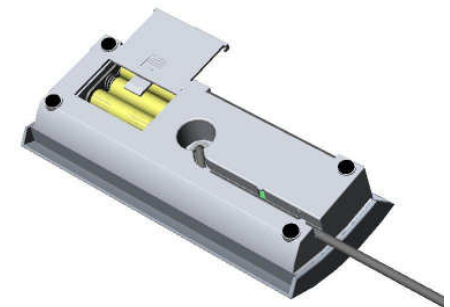
3. Replacing new batteries.



4. Make sure batteries are well installed.



5. Reinstalling the battery housing.



6. Reinstalling the battery cover.

ERROR MESSAGE

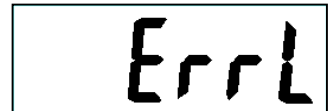
- **Low battery:**

This warning shows that the voltage of battery is too low to use. Please replace new batteries or plug the AC adaptor for operation.

The image shows a rectangular LCD display with a black border. On the left side, there is a small battery icon. To the right of the icon, the letters 'Lo' are displayed in a large, black, digital font.

- **Counting error (too low):**

The loading is lower than limit when power on, please increase the loading and try again. If the trouble still exists please call your local service partner.

The image shows a rectangular LCD display with a black border. The letters 'ErrL' are displayed in a large, black, digital font.

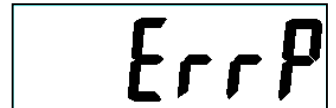
- **Overload or counting error (too high):**

The loading is over limit when power on, please reduce the loading and try again. If the trouble still exists, please call your local service partner.

The image shows a rectangular LCD display with a black border. The letters 'Err' are displayed in a large, black, digital font.

- **EEPROM Error:**

The program of the scale has error, please call your local service partner.

The image shows a rectangular LCD display with a black border. The letters 'ErrP' are displayed in a large, black, digital font.



Manufacturer's Declaration of Conformity

This product has been manufactured in accordance with the harmonized European standards, following the provisions of the below stated directives:

Electro Magnetic Compatibility Directive 93/42/EEC

Low Voltage Directive 2006/95/EC

FCC CLASS B Declaration of Conformity

This device complies with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules

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