
charder®



MS 2410
USER MANUAL

Please keep the instruction manual at hand all the time for future reference.

TABLE OF CONTENTS

PREFACE.....	2
GENERAL INFORMATION	2
SAFETY INSTRUCTION	2
ENVIROMENTAL.....	3
CLEANING.....	3
MAINTENANCE.....	3
WEIGHING OPERATION	3
WARRANTY-LIABILITY	4
DISPOSING OF THE SCALE.....	4
SPECIFICATIONS.....	5
KEY FUNCTIONS.....	6
FEATURE DESCRIPTION.....	7
INSTRUCTION FOR REPLACING BATTERY	8
ERROR MESSAGE	10

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.

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 organisation, 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.

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 scale is designed to detect when a stable weight is achieved, the indicator will `bleep` twice to indicate a stable weight value, 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 an individual warranty, this means that the unit supplied will be free of faults for the length of the warranty period.

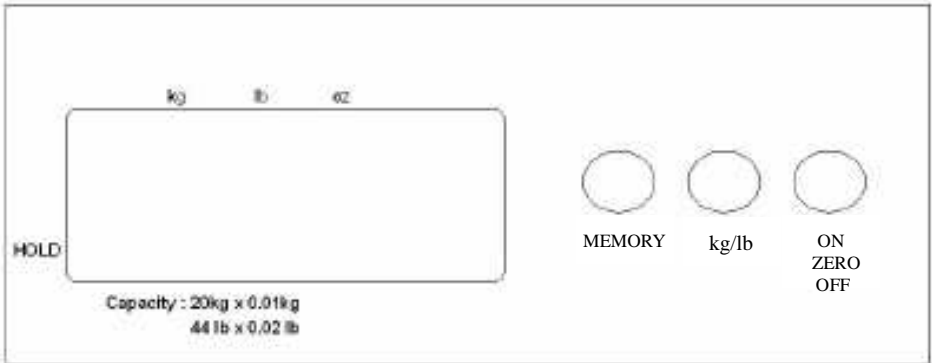
DISPOSING OF THE SCALE

- ◆ 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.

SPECIFICATIONS

Model#	MS 2410
Capacity	20 kg x 10 g, 44 lb x 0.02 lb, 704 oz x 0.5 oz
Accuracy	$\pm 20\text{g}$, $\pm 0.04\text{lb}$, $\pm 1.0\text{oz}$
Weight units	kg, lb, oz, lb:oz
LCD Display	Easy to read 1.0" LCD display with 4 1/2 digits
Dimension	Platform surface: 20 x 14 x 2 in. (500 x 350 x 50 mm)
Key Function	ON/ZERO/OFF, kg / lb, MEMORY
Power Supply	9V battery / 9V~12V adaptor
Operation Temperature	5°C / 35°C

KEY FUNCTIONS



Key Functions

- ◆ ON/ZERO/OFF
 - Power on and power off.
 - Press to ZERO the weight of subject.
 - Press 3 seconds to power off.
 - Press to TARE the weight when the weight is at 2% of full capacity.

- ◆ kg/lb
 - Press this key to switch unit between kg, lb, oz, and lb: oz.

- ◆ MEMORY
 - Press to recall and release the weighing value.
 - If the weight is less than 1kg, press this key to recall the stored value of weight. If the weight is greater than 1kg, press this key to store the weight value.

FEATURE DESCRIPTION

MEMORY

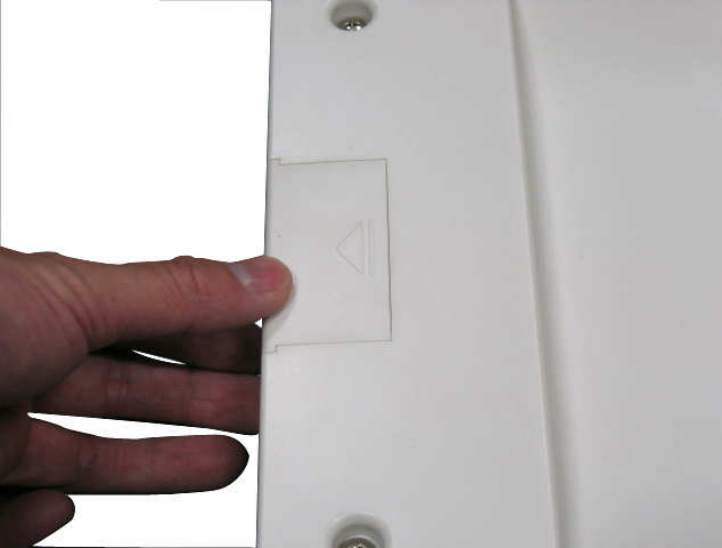
- ◆ When power on, the Memory feature will auto switch on and the arrow besides HOLD at left bottom of LCD will flicker.
 - ◆ When the loaded weight is above 1kg and stable, the arrow stops flickering.
- To disable the Memory function, please press ON/ZERO/OFF key again.

TARE

- ◆ TARE only works when load is over 400g. When weight of subject is over 400g, press ON/ZERO/OFF key to tare the weight. When the arrow of hold flickered, the TARE feature is working now. Put your target on the scale and weigh.

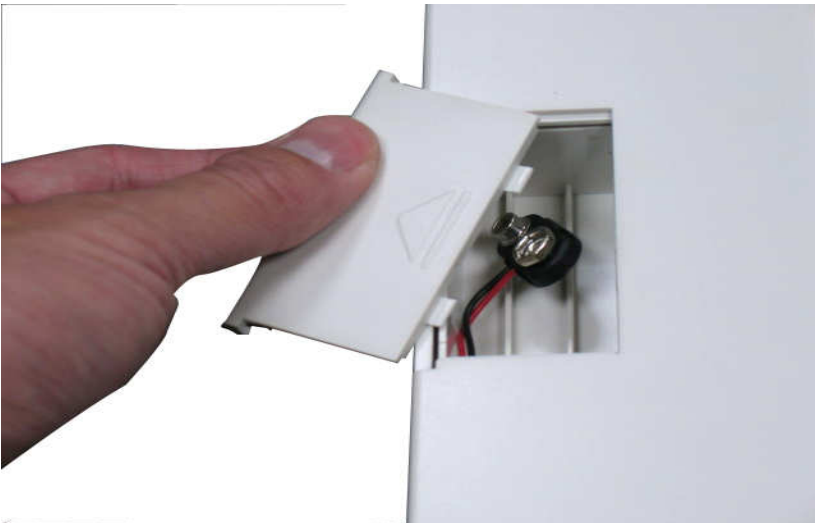
INSTRUCTION FOR REPLACING BATTERY

STEP 1.



LOCATING BATTERY COVER AT BOTTOM OF SCALE

STEP 2.



REMOVING BATTERY COVER

STEP 3.



INSTALLING 9V BATTERY

STEP 4.



INSTALLING BATTERY COVER

ERROR MESSAGE

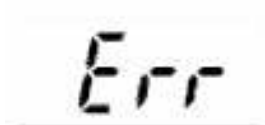
■ LOW BATTERY

If battery is discharged, the display will show LOW. The operator should replace the battery.



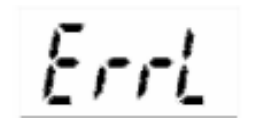
■ OVER ZERO

If zero count is higher than the setting range, the display will show "Err" message. The scale will turn off in 30 seconds if the status continues.



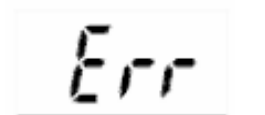
■ UNDER ZERO

If zero count is below the setting range, the display will show "ErrL" message. The scale will turn off in 30 seconds if the status continues.



■ OVERLOAD

If the total load exceeds the maximum capacity of the scale, the display will show "Err" message. The weight must be removed immediately from the surface.





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 2014/30/EU

Low Voltage Directive 2014/35/EU

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

Manufactured by:



Charder Electronic Co., Ltd.

No.103, Guozhong Rd., Dali Dist.,

Taichung City 412 ,Taiwan (R.O.C.)