



USER MANUAL














MS6001

Bed Scale



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

Explanation of Graphic Symbols on Label/Packaging

	<p>Caution, consult accompanying documents before use</p>		<p>Separate collection for waste of electrical and electronic equipment, in accordance with Directive 2002/96/EC</p>
	<p>Manufacturer of medical device</p>		<p>Manufacturing year of medical device</p>
	<p>Carefully read user manual before installation and usage, and follow instructions for use.</p>		<p>Medical electrical equipment with Type B applied part</p>
	<p>Device catalogue number</p>		<p>Authorized representative in the European Community</p>
	<p>Manufacturer's batch or lot number</p>		<p>Device is a medical device</p>
	<p>Serial number</p>		<p>Unique Device Identifier</p>
		<p>Device conforms to 93/42/EEC as amended by 2007/47/EC Medical Device Directive. Four digit number refers to Notified Body.</p>	

Copyright Notice

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I. Safety Notes

A. General Information

Thank you for choosing this Charder Medical device. It is designed to be easy and straightforward to operate, but if you encounter any problems not addressed in this manual, please contact your local Charder service partner.

Before beginning operation of the device, please read this user manual carefully, and keep it in a safe place for reference. It contains important instructions regarding installation, proper usage, and maintenance.

Intended Use

This device is intended to measure the weight of subjects with limited mobility, for diagnosis of weight-related issues by professionals.

General Handling

- Device should be placed on stable, flat, solid, non-slippery surface.
- Usage on soft surfaces (ex: carpet) may result in inaccurate results.
- Ensure all parts are properly locked and tightened before operating the device.
- Device is intended to measure one subject at a time.

Safety Instructions

- Batteries should be kept away from children. If swallowed, promptly seek medical assistance.
- Expected service life: 5 years.
- Always comply with appropriate regulations when using electrical components under increased safety requirements.
- Ensure voltage marked on power supply matches mains power supply.
- The device is intended for indoor use only.
- Observe permissible ambient temperatures for use

Environmental

- All batteries contain toxic compounds; batteries should be disposed of via designated competent organizations. Batteries should not be incinerated.

Cleaning

- Device surface should be cleaned using alcohol-based wipes.

Corrosive cleansing liquids should not be used. Pressure-washers should not be used.

- Do not use large amounts of water when cleaning the device, as it may cause damage to the internal electronics.
- Always disconnect device from mains power before cleaning.

Maintenance

- Device does not require routine maintenance. However, regular checking of accuracy is recommended; frequency to be determined by level of use and state of device. If results are inaccurate, please contact local distributor.

Warranty/Liability

- The period of warranty shall be eighteen (18) months, beginning on the date of purchase. Please retain your receipt as proof of purchase.
- 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 and tear, changes or modifications, incorrect or negligent handling, chemical, electrochemical, or electrical interference.
- All maintenance, technical inspections, and repairs should be conducted by an authorized Charder service partner, using original Charder accessories and spare parts. Charder is not liable for any damages arising from improper maintenance or usage.

Disposal

- This product is not to be treated as regular household waste, but should be taken to a designated collection points for electronics. Further information should be provided by local waste disposal authorities.



Warning

- Only the original adapter should be used with the device. Using an adapter other than the one provided by Charder may cause malfunction.
- Do not touch the power supply with wet hands.
- Do not crimp the power cable, and avoid sharp edges.
- Do not overload extension cables connected to the device.
- Route cables carefully, to avoid tripping.
- Keep device away from liquids.
- Do not remove the plug by yanking on the cable.

-
- Use only a correctly wired (100-240VAC) outlet, and do not use a multiple outlet extension cable.
 - Do not under any circumstances dismantle or alter the device, as this could result in electric shock or injury as well as adversely affect the precision of measurements.
 - Do not place the device in direct sunlight, or in close proximity to an intense heat source. Excessively high temperatures may damage the internal electronics.

Incident Reporting

Any serious incident that has occurred in relation to the device should be reported to the manufacturer, EU representative (if device is used in EU member state), and competent authority of user/subject's member state.

B. EMC Guidance and Manufacturer's Declaration

Guidance and manufacturer's declaration-electromagnetic emissions		
The MS6001 Bed Scale is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.		
Emission test	Compliance	Electromagnetic environment-guidance
RF emissions CISPR 11	Group 1	The device uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The device is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Class A	
Voltage fluctuations /flicker emissions IEC 61000-3-3	Compliance	


Guidance and manufacturer's declaration-electromagnetic immunity

The MS6001 Bed Scale is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge(ESD) IEC 61000-4-2	<u>± 8 kV contact</u> <u>± 2 kV, ± 4 kV,</u> <u>± 8 kV, ± 15 kV</u> <u>air</u>	<u>± 8 kV contact</u> <u>± 2 kV, ± 4 kV,</u> <u>± 8 kV, ± 15 kV</u> <u>air</u>	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%
Electrical fast transient/burst IEC 61000-4-4	± 2kV for power supply lines + 1kV for input/output lines	+ 2kV for power supply lines + 1kV for input/output lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1kV line(s) to line(s) ± 2kV line(s) to earth	+ 1kV line(s) to line(s) + 2kV line(s) to earth	Mains power quality should be that of a typical commercial or hospital environment.
Voltage Dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<u>0% UT for 0,5 cycle</u> <u>0% UT for 1 cycle</u> <u>70% UT(30% dip in UT) for 25 cycles</u> <u>0% UT for 5 s</u>	<u>0% UT for 0,5 cycle</u> <u>0% UT for 1 cycle</u> <u>70% UT(30% dip in UT) for 25 cycles</u> <u>0% UT for 5 s</u>	Mains power quality should be that of a typical commercial or hospital environment. If the user of the device requires continued operation during power mains interruptions, it is recommended that the device be powered from an uninterruptible power supply or a battery.
Power frequency(50/60 Hz) magnetic field IEC 61000-4-8	<u>30 A/m</u>	<u>30 A/m</u>	The device power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
NOTE UT is the a.c. mains voltage prior to application of the test level.			

Guidance and manufacturer's declaration-electromagnetic immunity

The MS6001 Bed Scale is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
<p>Conducted RF IEC 61000-4-6</p> <p>Radiated RF IEC 61000-4-3</p>	<p>3 Vrms 150 KHz to 80 MHz</p> <p><u>6 V in ISM bands between 0,15 MHz and 80 MHz</u> <u>80 % AM at 1 kHz</u></p> <p>3 V/m 80MHz to 2,7 GHz</p>	<p>3 Vrms 150 KHz to 80 MHz</p> <p><u>6 V in ISM bands between 0,15 MHz and 80 MHz</u> <u>80 % AM at 1 kHz</u></p> <p>3 V/m <u>80MHz to 2,7 GHz</u></p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of the device including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance: $d = 1,2 \sqrt{P}$ $d = 1,2 \sqrt{P}$ 80MHz to 800 MHz $d = 2,3 \sqrt{P}$ 800MHz to 2,5 GHz</p> <p>Where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey^a, should be less than the compliance level in each frequency range^b.</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> <div style="text-align: center;">  </div>

NOTE1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

- a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the device is used exceeds the applicable RF compliance level above, the device should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the device.
- b Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

Recommended separation distance between portable and mobile RF communications equipment and the MS6001 Bed Scale

The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the device can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the device as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $d = 1,2\sqrt{P}$	80 MHz to 800 MHz $d = 1,2\sqrt{P}$	800 MHz to 2,5 GHz $d = 2,3\sqrt{P}$
0,01	0,12	0,12	0,23
0,1	0,38	0,38	0,73
1	1,2	1,2	2,3
10	3,8	3,8	7,3
100	12	12	23

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where p is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

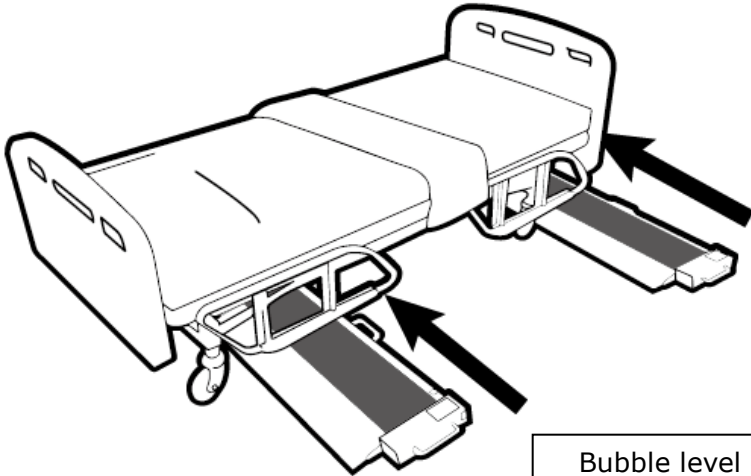
NOTE1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

II. Installation

A. Setting up weight bridges

1. Place weight bridges under bed next to bed castors.



Bubble level
indicator

2. Device should be placed on non-slippery, flat, hard, level surface. Make sure bubble level indicator is centered to ensure result accuracy.



Level

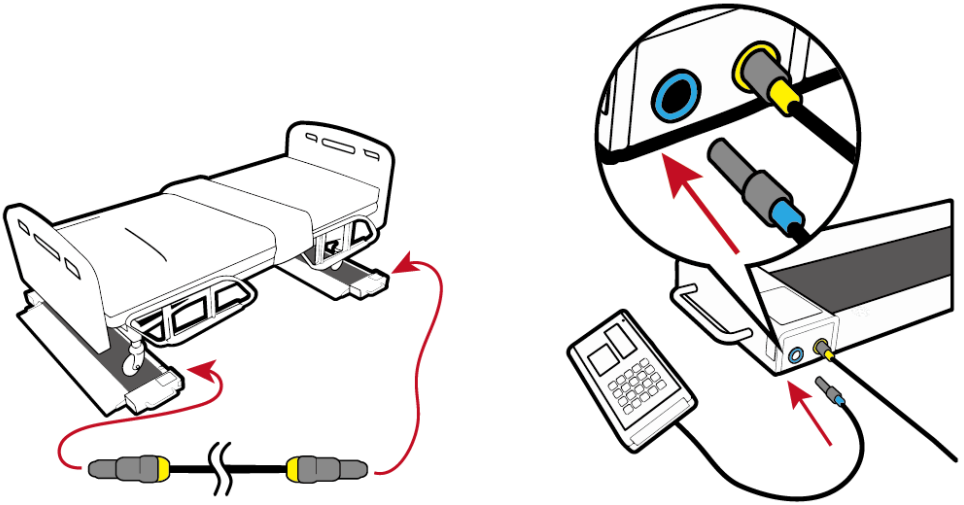


Not level



3. Connect weight bridges. All pins should be connected slowly and carefully to avoid damage.

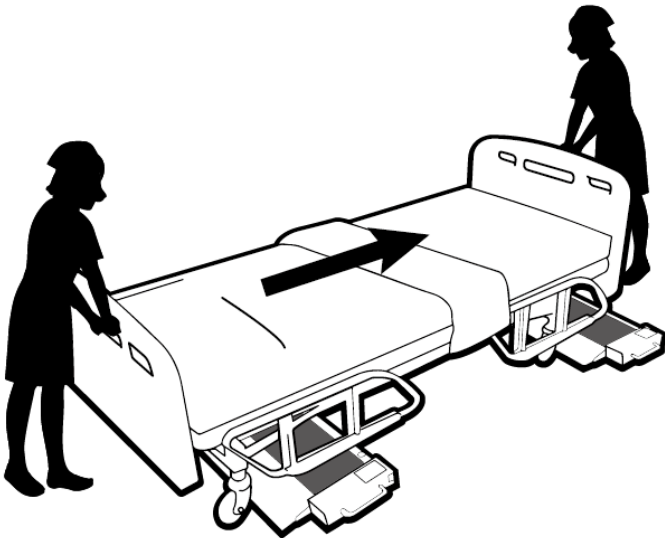
Blue cable should be plugged into blue port; yellow cable should be plugged into yellow port.



Note: connect both weight bridges to one another using weight bridge connecting wire. Connect indicator to weight bridge 2 (blue port).

4. Turn on device.

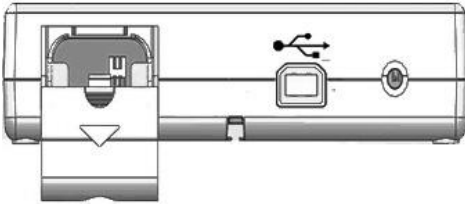
5. **After device is turned on**, push bed onto weight bridges. Two people may be needed to complete procedure.



Note: take care not to catch connecting cable under platform or bed.

B. Inserting Batteries

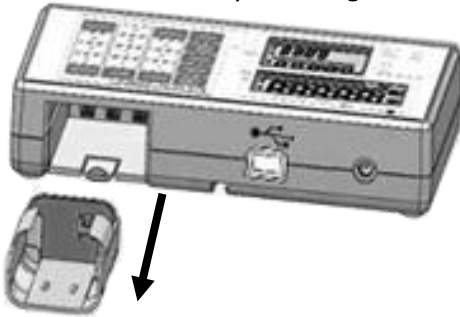
1. Open battery housing cover



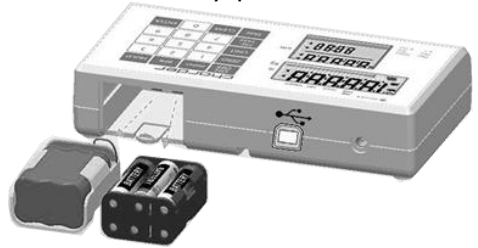
2. Push down tab securing battery housing



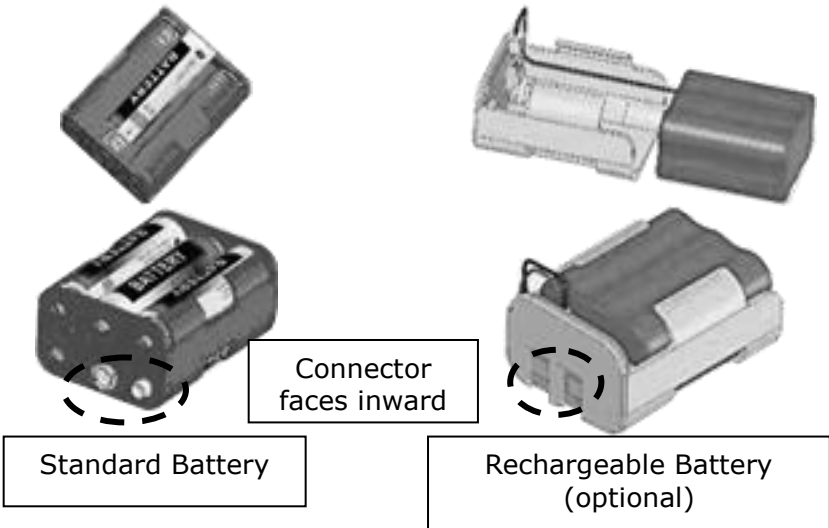
3. Remove battery housing



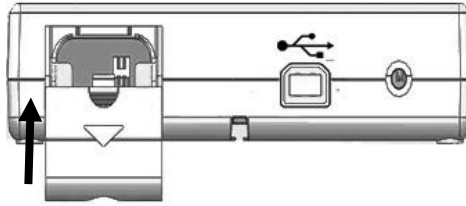
4. Insert battery pack



NOTE: Ensure that batteries are installed into housing correctly

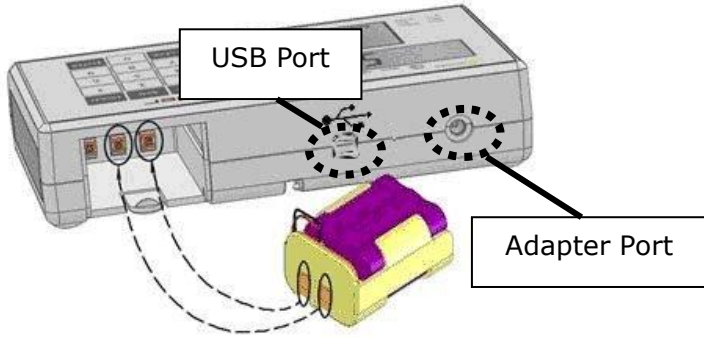


5. Slide battery housing cover back in place. Turn on power to confirm that battery is correctly installed.



C. Using Adapter

1. Connect adapter to indicator before connecting to mains power supply
2. Disconnect adapter from mains power supply before unplugging adapter pin from indicator.



Using Rechargeable Battery (optional)

To charge the rechargeable battery, plug in the device's power adapter.

The rechargeable battery should be recharged at least once every 3 months, regardless of if the device has been used.

After a long period in storage (e.g. >3 months), the battery should run a full cycle (charge/discharge) to allow it to restore full capacity.









If Lo prompt displays on the LCD, please charge battery promptly to avoid battery damage.





III. Indicator

A. Indicator and Key Functions

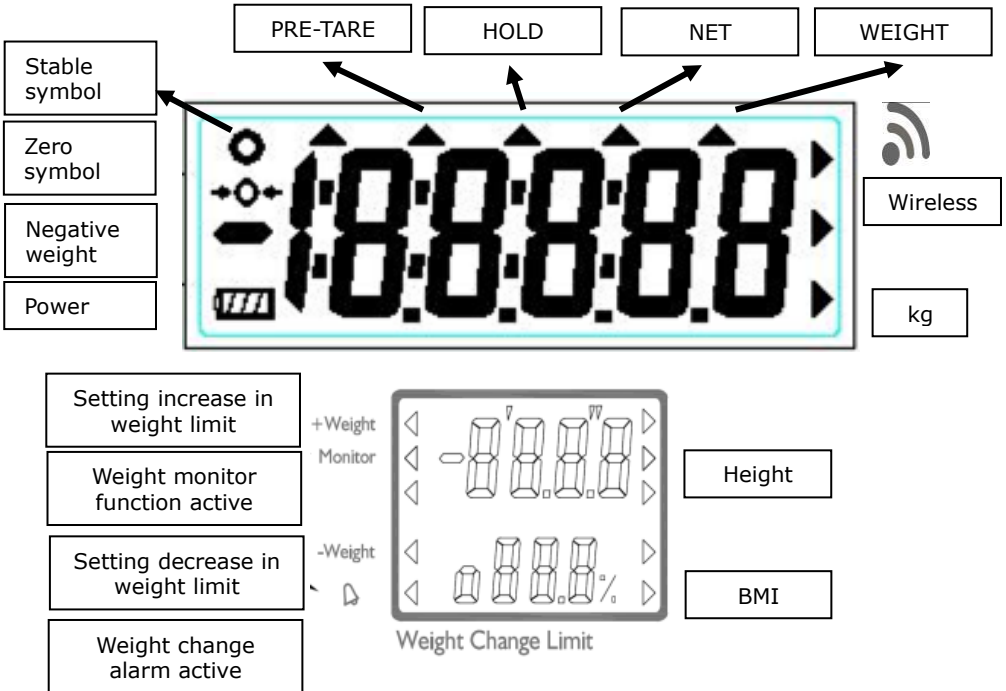


Key Functions

-  **ON/OFF**: Power on or power off
-  **ZERO**: Reset display to 0.0 kg display. Press and hold for 3 seconds to enter device settings.
-  **M1-10**: Save pre-tare values (up to 10)
-  **PRE-TARE**: Pre-tare the known weight of an object (ex: bed) before beginning measurement. Press and hold for 3 seconds to call up pre-tare values
-  **PRINT**: When printer or PC is connected to the scale, press this key to print results
-  **MONITOR WEIGHT**: Track change in patient weight. Press and hold for 3 seconds to enter weight monitor settings.
-  **ALARM**: Turn weight change alarm on/off, adjust volume of alarm. Press and hold for 3 seconds to enter time settings
-  **HOLD/BMI**: Activate hold. Press and hold for 3 seconds to enter BMI mode

9.  **CLEAR**: Clear incorrect data input
10.  **ENTER**: Confirm input
11.  -  **0-9**: For entering digits

B. Display layout



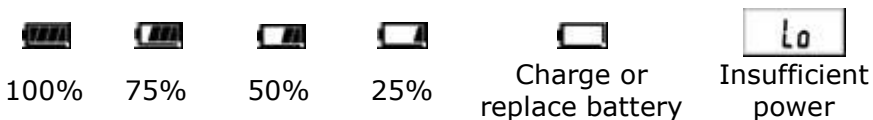
Definitions

Stable symbol: Indicates that weight is stable.

Zero symbol: Weight is at zero

Negative weight: Weight under zero.


Power: Device power level.




IV. Using Device

A. Performing measurement

Install weight bridges under the bed and connect all wires.


Switch on the device using  key. The device will automatically perform self-calibration, displaying software version. Once "0.00 kg" appears on indicator, device is ready for measurement.


Note: If "0.00 kg" does not display on indicator, press  key to zero the device.

User can either select pre-tare bed weight, or deduct weight of bed at point of measurement.

Using pre-tare bed weight (used when subject is already in bed):

1. Recall previously stored Pre-Tare value (bed weight) from device memory by pressing and holding

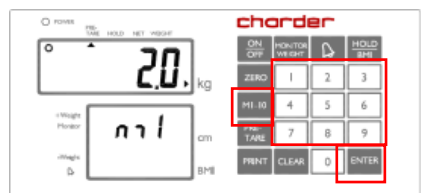
 key for 3 seconds. Indicator will display pre-tare value M1 first. The pre-tare value will flash.

2. Press numeral keys 0~9 to select pre-tare value. Press  key to confirm selection.

(for instructions on how to set Pre-Tare, please refer to **Setting and Recalling Pre-Tare**.)

Scale will deduct weight of bed, and minus (-) sign will appear in front of Pre-Tare value.

3. Push bed (with subject) onto weight bridges. Conduct measurement.



Deduct weight of bed at point of measurement:

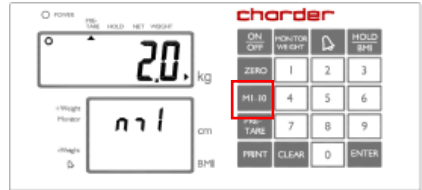
1. Push bed (without subject) onto weight bridges.

2. Press  key after stable symbol appears on indicator. Display will indicate "0.00 kg".

3. Guide subject to lie down upon bed. Conduct measurement.

4. To clear tare value, remove bed from weight bridges, and press

 key.



Note: If total weight exceeds scale capacity (includes tare), indicator will display "Err" prompt due to overload.

If subject's weight has difficulty stabilizing, the Hold function can be used.


B. Hold

The hold function determines average weight, designed to be used if subject's weight will not stabilize (ex: an active child).


Note: if fluctuation is too severe, average weight determination will be difficult and hold may not function correctly

1. After recalling pre-tare weight (bed weight) from memory, scale will deduct bed weight and (-) will appear in front of weight.

2. Push bed onto weight bridges.

3. Press the  key. "HOLD" will be displayed on the indicator.


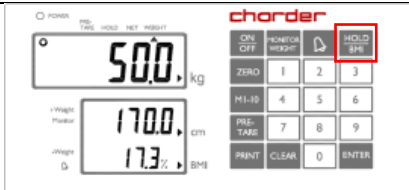

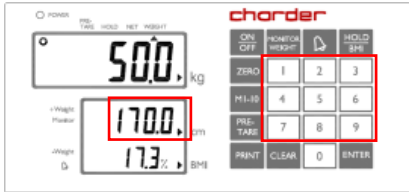

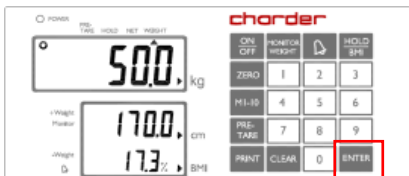
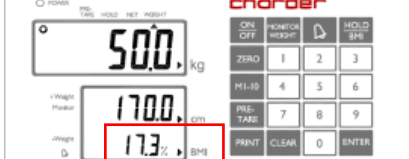
4. After a few seconds, the average weight will be displayed on the indicator.

5. To release the locked weight, press the  key again to return to the device to normal mode.

Note: Hold function can be activated before or after bed is pushed onto weight bridges.

C. BMI

After weight has been measured, BMI can be calculated.

<p>1. Without removing bed from weight bridges, press and hold the  for 3 seconds to enter BMI mode.</p>	
<p>Display will show last recorded height. Left-most digit will flash.</p> <p>2. Enter height using numeral keys (ex: 170 cm). Input will automatically move to next digit.</p> <p>Press  key to re-input.</p>	
<p>After inputting height, press  to confirm.</p>	
<p>Device will display subject's BMI automatically.</p>	


Category	BMI (kg/m ²)	Risk of obesity-related disease
Under	< 18.5	Low
Normal	18.5-24.9	Average
Over	24.9-29.9	Slightly Increased
Obese I	30.0-34.9	Increased
Obese II	35.0-39.9	High
Obese III	> 40	Very High

(World Health Organization adult BMI standards)


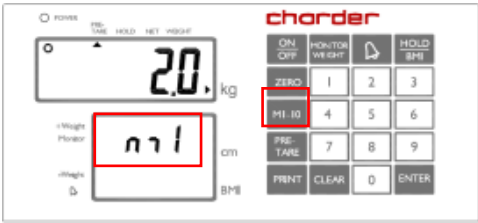
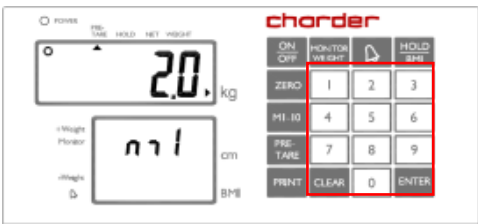


V. Advanced Operation

A. Pre-Tare



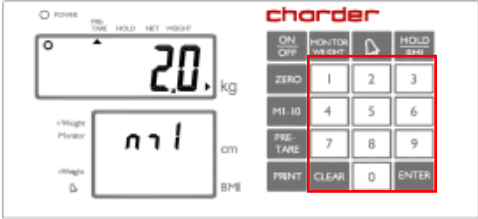


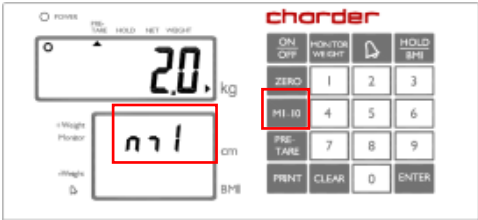
The Pre-Tare function is used to subtract the known weight of a substance prior to weighing. The device can store 10 sets of pre-tare values. Pre-tare values can be stored using two different methods: "Load Weight", or "Input Manually".

After pre-tare weights have been stored, they can be recalled by holding the  key for 3 seconds.

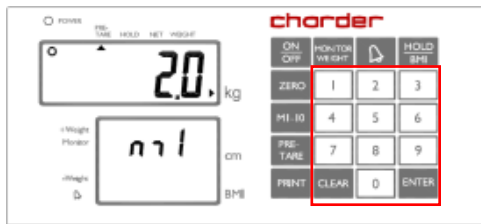
1. Load Weight

DESCRIPTION	EXAMPLE
<p>Press  key after loading weight on the platform; the indicator will display blinking "m" symbol.</p>	
<p>Press numeral key 0 ~ 9 to assign this number with the current pre-tare weight.</p>	
<p>Press  key to store pre-tare weight; the indicator will make a beep sound.</p>	

2. Input Manually

DESCRIPTION	EXAMPLE
<p>Press and hold  key for 3 seconds. Left-most digit will begin blinking.</p> <p>If no further action is taken within 6 seconds, indicator will return to normal mode</p>	
<p>While digit is blinking:</p> <p>Enter pre-tare weight using 0~9 keys.</p> <p>Ex: to pre-tare 5.0 kg of weight, press 0-0-5-0.</p> <p>Ex: to pre-tare 13.5 kg of weight, press 0-1-3-5.</p>	
<p>Press  key to confirm the pre-tare weight.</p>	
<p>To save this pre-tare weight value in memory:</p>	

Press numeral key 0 ~ 9 to assign this number with the current pre-tare weight.



Press **ENTER** key to store pre-tare weight; the indicator will make a beep sound.

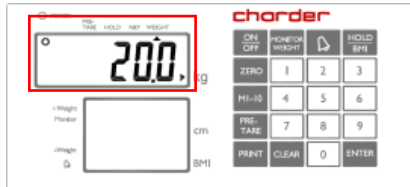


NOTE: Pre-tare weight must be under max capacity, otherwise screen will show 0.00 after **ENTER** key is pressed, and the operator will have to re-input pre-tare settings.

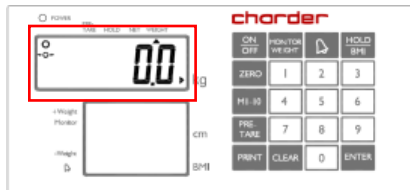
B. Weight Tracking & Alarm

Prepare bed; place pillows, blankets, and any other objects affecting weight onto bed. Turn on device before pushing bed onto weight bridges.

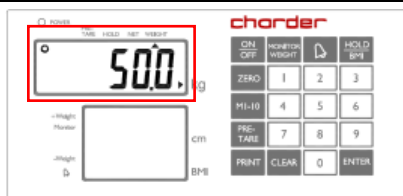
After bed has been pushed onto weight bridges, display will show total bed weight on upper LCD.



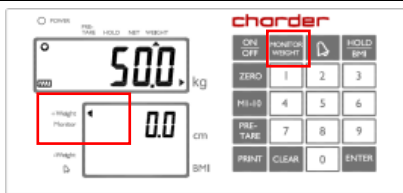
Press **PRE-TARE** key to tare the weight of the bed, the scale will return to "0.0 kg" reading.



Guide subject to lie upon bed.
 Display now shows net weight of subject. (*)

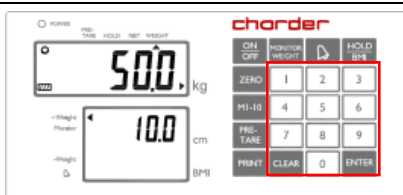


Press and hold **MONITOR WEIGHT** key; the subject's weight will lock, and the middle display will display "0.0".



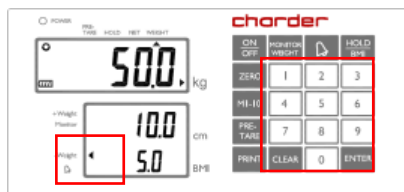
Arrow will point to "+ weight".

Use numeral keys 0~9 to set the increase in weight limit and press **ENTER** key.



The lower display will begin blinking, pointing to the (-) weight limit. (**).

Use numeral keys 0~9 to set the decrease in weight limit. The minus (-) sign will appear in front of the weight decrease value.





After setting the weight decrease value, press the **ENTER** key. (**).


Indicator will return to "0.0".

Press **MONITOR WEIGHT** key to turn on the alarm.



The blinking arrow pointing to  sign means the Alarm volume is at maximum. To decrease

volume level, press  key again, and the blinking arrow will stop blinking.

To turn off the alarm, press the  key until the arrow disappears.

***NOTE** - If the Weight Tracking Function is activated, the original subject's weight will be saved in memory. This function can be activated only after the bed has been pushed onto the weight bridges, and the subject is lying down on the bed.







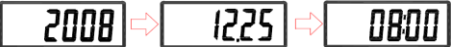

****NOTE** - The weight change range starts from 500g/- 500g, and can be increased/ decreased by increments of 100g.

VI. Device Setup


A. Setting Time & Date

Press and hold  key for 3 seconds to enter Time Setting mode.

Example: Inputting 2008, Dec 25, 8:00am

	<p>Year Setting Enter year using numeral keys 0-9.</p> <p>Press  key once completed to proceed to month & day setting.</p>
	<p>Month & Day Setting. Enter month, followed by day using numeral keys 0-9.</p> <p>Ex: December 25th is "12.25". Input 1-2-2-5.</p> <p>Press  key once completed to proceed to time setting.</p>
	<p>Time Setting Enter time (24hr format) using numeral keys 0-9.</p> <p>Ex: 08:00am is input by pressing 0-8-0-0.</p> <p>Press  key once completed to confirm time settings and proceed to confirmation.</p>
	<p>Device will display new time and date settings, cycling between year, month & day, and time.</p> <p>YYYY→MM.DD→:HH:MM</p> <p>Press  key to return to normal weighing mode.</p>

B. Device Setup

When the device is switched on, press and hold the  key for about 3 seconds, until the display shows the "SETUP", followed by "A.OFF" (first option in setting menu).

In device setup:



to toggle next menu option





to toggle previous menu option



to confirm selection




Auto Power-Off: Instruct device to shut off automatically after a certain period of time.

Press  to toggle between options (120 sec / 180 sec / 240 sec / 300 sec / off), and  to confirm selection.



Buzzer/Beep:

When function is turned on, beeping noise will be made when: indicator is turned on, keys are pressed, and weight is stable.

Press  to toggle between on/off, and  to confirm selection.




Hold Stop: When Hold Stop is "on", Hold will deactivate after subject leaves measurement platform.

Press  to toggle between on/off, and  to confirm selection.

Bluetooth

Bluetooth (optional): If device has Bluetooth module installed, Bluetooth function can be turned on or off.

Press  to toggle between on/off, and  to confirm selection.

Wi-Fi

Wi-Fi (optional): If device has Wi-Fi module installed, Wi-Fi function can be turned on or off.


Press  to toggle between on/off, and  to confirm selection.

Wi-Fi Setting

Wi-Fi Setting (optional): If device has Wi-Fi module installed, this option will appear.

Press  to toggle between on/off, and  to confirm selection.

Save Changes

After completing changes, press  until "END" is displayed on screen. Press  to save.

VII. Connecting scale to receiving device

The device can transfer results to receiving device. Please consult instruction manual for receiving device.

Connection directly to Electronic Medical System should be conducted by qualified distributors/administrators only.

NOTE: Wireless transfer is only available on wireless model.

VIII. Troubleshooting

Before contacting your local Charder distributor for repair service, we recommend considering the following troubleshooting procedures:

Self-inspection

1. Device will not power on

- If battery power is depleted, replace with new batteries
- If batteries are not used, check if the power adapter is plugged into the device properly. Check if power adapter is plugged into mains properly

2. Indicator showing "0000" ZERO SPAN out of range

- Interference due to factors such as RF disturbance or ground vibration. Relocate device to location without interference and try again
- Unstable platform feet - adjust level according to bubble level indicator and try again
- External objects interfering with measurement platform. Clear platform of objects and try again
- Device may not function properly on soft surfaces such as carpets or lawns. Relocate device to location with solid, stable floor
- If the steps above cannot resolve the problem, re-calibration may be required to correct weighing accuracy

3. Connection failure for data transmission to PC or printer

- Ensure cables are connected correctly between indicator and PC or printer
- Ensure printer is supplied with power. Ensure PC software is set up properly as indicated in this manual

Distributor support required

If the following errors occur, we recommend contacting your local Charder distributor for repair or replacement services:

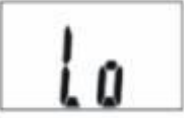


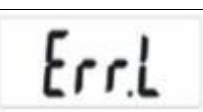
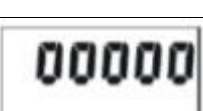

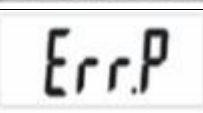
1. Device will not power on

- Faulty on/off key
- Broken or damaged wires causing short circuit or faulty connection
- Safety fuse burnout
- Faulty Adapter

2. Indicator damage

- Possible hardware defects include: uneven brightness in LCD screen, blurred text, smeared rainbow screen, incorrect decimal display
- Unable to save or read data
- Indicator shows "ERRL" after device is switched on
- Keys not responding
- Buzzer malfunction

Error Messages

Error Message	Reason	Action
	Low battery warning Voltage of battery is too low to operate device	Replace batteries, or plug in AC adapter
	Overload Total load exceeds device's maximum capacity	Reduce weight on measurement platform and try again
	Counting Error (too high) Signal from loadcells too high	Error normally caused by faulty loadcell or wiring. Please contact distributor
	Counting Error (too low) Signal from loadcells too low	Error normally caused by faulty loadcell or wiring. Please contact distributor
	Zero count over calibration zero range +10% while power on	Re-calibration required. Please contact distributor
	Zero count under calibration zero range -10% while power on	Re-calibration required. Please contact distributor
	Program Error Fault with device software	Error normally caused by faulty loadcell or wiring. Please contact distributor

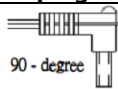
IX. Product Specifications

Model		MS6001
Display		DP3710
Weight Measurement	Capacity	600 kg x 0.1 kg,
	LCD Screen	1.0-inch LCD screen (5 1/2 digits)
Dimensions	Overall	1256(W) x 366(D) x 61.5(H) mm
	Weighing Area	1000(W) x 160(D)
Device Weight		11.4 kg (each weighing bridge)
Key Functions		On/Off, Zero, Hold/BMI, Print, Pre-Tare, Clear, Enter, M1-10, Monitor Weight, Alarm, 0~9
Data Transmission		USB, Wireless Module (optional) NOTE: Device should be connected to network by qualified distributors only
Power Supply		Rechargeable battery pack (optional) or 6 AA batteries / Power adapter
Operation Temperature & Humidity		0°C~40°C 15% / 85% RH
Standard Accessories		User manual*1, Weighing bridge*2, Connecting cable*1, USB transfer cable*1, Bracket set for wall mount*1, Power adapter*1
Optional Accessories		Thermal Printer, Indicator Stand




Warning

The device is only compatible with the power adapters specified below.

AMP VOLTAGE	DRAWING NO.	CE APPROVED TYPE NO. / MODEL NO.	TYPE	Adapter plug
12V 2A	AD-8058(AD-0521)	UE24WU-120200SPA	US	 90 - degree
	AD-8057(AD-0520)	UE24WV-120200SPA	EU	
	AD-8056(AD-0519)	UE24WB-120200SPA	UK	
	AD-8074(AD-0534)	UE24W4-120200SPAS	AU	

X. Declaration of Conformity

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

	93/42/EEC as amended by 2007/47/EC Medical Device Directive
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Please see separate document showing on sticker of device for above CE marking.

Authorized EU Representative:



Obelis s.a.

Bd Général Wahis, 53
B-1030 Brussels
Belgium



Manufactured by:
Charder Electronic Co., Ltd.
No.103, Guozhong Rd., Dali Dist.,
Taichung City, 41262 Taiwan (R.O.C.)

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