

molift[®]

SCALE



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designed for life

BM25101 Molift SCALE Charider - English - rev B 07 / 2012

OPERATOR MANUAL

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General information

This scale is intended for use together with the patient lifters Molift Mover 205 and Molift Mover 300. See the lifters user manual for information and use of the lifter. We strongly recommend you use the scale on flat and hard surface. Any soft surface, like carpet will cause inaccuracy.



On Molift Mover 205/300 the existing suspension can easily be replaced with a complete suspension with scale. See the lifters user manual for mounting of suspension (Assembly/disassembly). The scale is delivered together with the lifter, or complete with a suspension. It is not allowed to mount the scale on another suspension.

Please contact Etac Supply Gjøvik or authorized service partners for service or repairs, or if you have questions.

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 voltage marked on the power supply unit matches your mains power supply.
- The device is designed for use indoors.
- Observe the permissible ambient temperature for use.
- The device meets the requirements for electromagnetic compatibility. Do not exceed the maximum values specified in the applicable standards.

Environmental

- All batteries contain toxic compounds; disposal of batteries should be delegated to a competent organisation, complying to the deposit of Poisonous Waste Regulation 1972.
- Please do not incinerate batteries.
- The optimum operating temperature for the scale is 0°C to +40°C; although it will operate at higher and lower temperatures the scales battery life will be adversely affected.

Cleaning

We would recommend using alcohol based wipes or similar when cleaning the scales.

Please do not use large amount of water when cleaning the scales as this will cause damage to the 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 Molift dealer or service partner.

Weighing operation

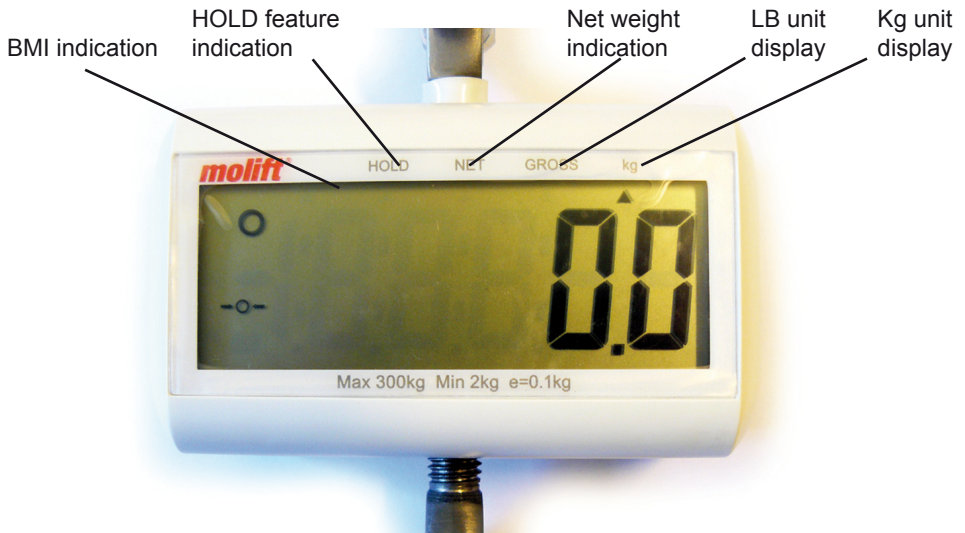
Before reading detailed instructions on how to use all the weighing functions that are built in your scale, please read the following important guidelines:

- 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.



Tilt angle over 3° will cause false reading!

Panel indication



Key functions

ON/OFF/ZERO/TARE

- Press to power on and press 3 seconds to power off.
- Press to return to zero which is +/- 2% of full capacity.
- Press to tare the weight.

HOLD/BMI

- Press to lock weighing result while weighing. To disable the function, press Hold key again.
- Press and hold for 3 seconds to enable BMI feature. When you are in BMI-mode, please enter your height by pressing ON/OFF/ZERO/TARE and UNIT key to adjust. Press HOLD again to complete. LCD screen is now displaying your BMI value.

*Press ON/OFF/ZERO/TARE and UNIT key for 3 seconds to adjust your height continuously

UNIT: Press to select between kg and lb.



Feature settings

Auto-off Time Adjustment

This feature affects the period of non-operation.

Once exceed the setting time, the device will shut off automatically.

- Auto off time: 120 sec/180 sec/240 sec/300 sec/off

Buzzer adjustment

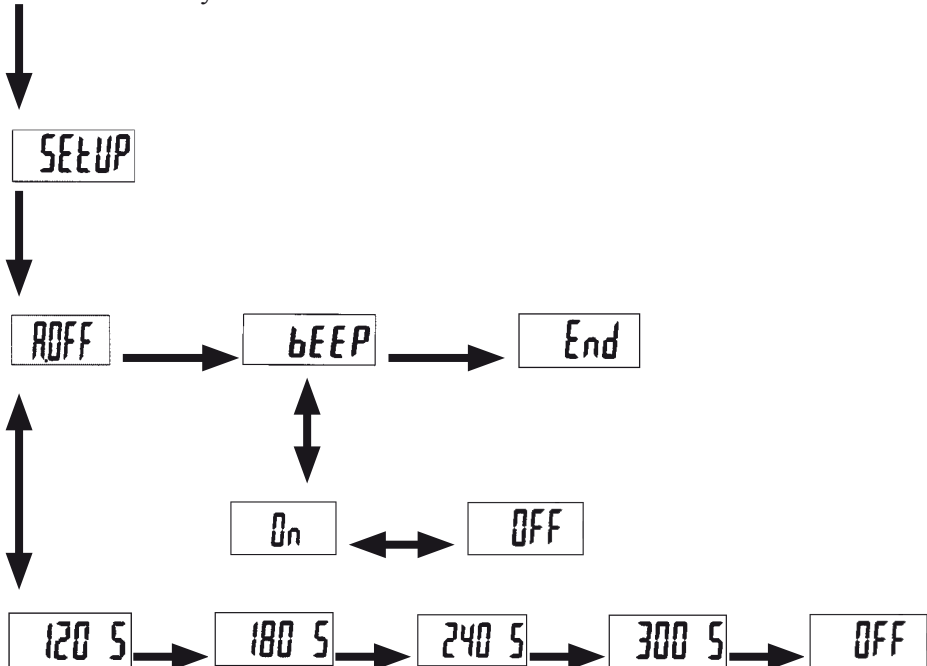
This function affects the buzzer sound ON and OFF by users preference.

- Buzzer: On/Off

Operation flow

Please follow the operation flow to set up your scale.

Press **UNIT** key for 3 seconds



Setting up your scale step by step

For example: Set up 180s AUTO-OFF time and buzzer OFF

Step 1.

Press **UNIT** for 3 seconds to enter **SEt** setup mode

Step 2.

Press **HOLD** to enter **ROFF** mode when **ROFF** is displayed.

Step 3.

Press **ZERO** to adjust to **180 S** which means AUTO-OFF TIME is 180 seconds.

Step 4.

Press **HOLD** to back to **ROFF** mode and press **ZERO** to move to **bEEP** setup mode.

Step 5.

Press **HOLD** to enter **bEEP** setup mode and press **ZERO** again to select from **On** to **OFF**.

Step 6.

Press **HOLD** to back to **bEEP** set up mode.

Step 7.

Press **ZERO** to move to **End** and press **HOLD** to finish your setting.

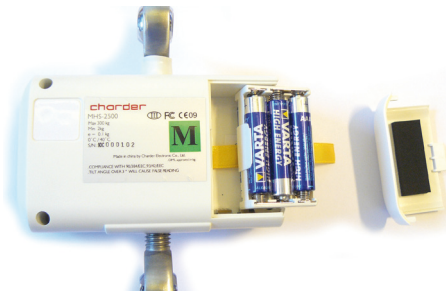
Instructions for replacing battery

Molift Scale MHS-2500 uses six AAA size alkaline batteries.



1. Find the battery cover on the back.

2. Remove the battery cover.



3. Take out the battery case.

4. Replace the 6 pcs AAA batteries.



5. Reinstall the battery case.

6. Install the battery cover.

Specifications

Model: MHS-2500

Capacity	300 kg (min 2 kg)
Division	e = 0.1 kg
Display options	1.0 inch 5 and 1/2 digits
Weight Unit	Kg and lb
Dimension	120 x 50 x 160 mm
Power	1.5 V AAA x 6 batteries
Operating temperature	0°C / 40°C

Only Kg unit is approved by OIML (International Organization of Legal Metrology)

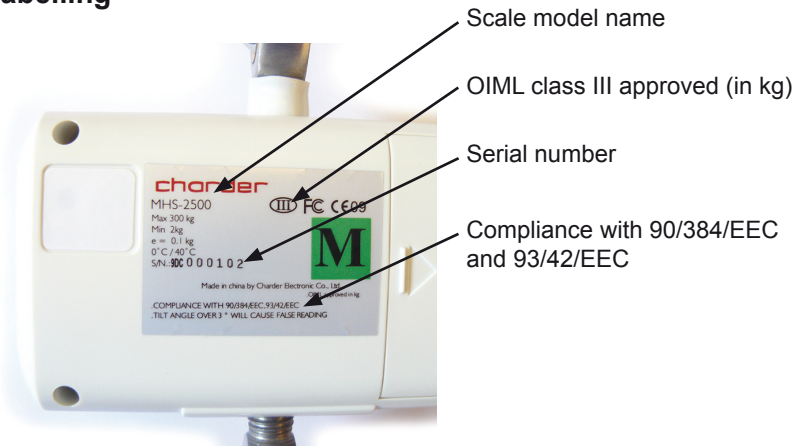


The Safe Working Load (SWL) or capacity of the part with the lowest SWL is the ruling. This means that the SWL for a Molift Smart lifter with Scale is 150 kg, as the SWL of the lifter, even if the scale alone has a capacity of 300 kg.

Disposing

This product shall not be treated as regular household waste. Separate waste collection, and handle according to local rules and regulations for electrical and electronic waste.

Labelling



Error message

Low Battery Indication

This warning show that the voltage of the battery is too low too operate. Please change to a new one.



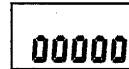
Zero High

The loading is over limited when power on, please reduce the loading.



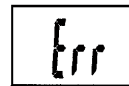
Zero Low

The loading is under limited when power on, please increase the loading.



Over Load or Counting Error

The loading is over limit, please reduce the loading and try again. If the trouble still exists, please call the service.



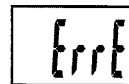
Counting Error (too low)

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



Eeprom Error

There are errors in the programs of the scale, please call the service.



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:

Medical Device directive 93/42/EEC

Directive 90/384/EEC (non-automatic weighing instruments)

Low Voltage Directive 73/23/EEC

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.

Repair and service

Should your scale require servicing, please contact your dealer or service partner.

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.

Norway

Etac AS

PB 249
1501 Moss
Tlf: (+47) 69 25 59 80
Fax: (+47) 69 27 0911
www.etac.no

Australia

Patient Handling Australia

8 Chapel Street
Marrickville
NSW 2204 Sydney
www.patienthandling.com.au

Ceiling Hoist Solutions

Melbourne Office
58-62 Star Crescent
AU-3803 Hallam, VIC
www.ceilinghoistsolutions.com.au

Austria

Paul Bständig GesmbH

Strohbogasse 8
1210 Wien
Tel. 01-405 35 43
Fax 01-406 81 02
www.bstaendig.at

Belgium

Pronk ergo NV

Sint-Pietersmolenstraat 204/1
8000 Brugge
T +32 (0)50/32 20 20
F +32 (0)50/32 20 40
www.pronkergo.be

Danmark

Etac A/S

Egeskovvej 12
8700 Horsens
Tel. +45 79 68 58 33
www.etac.dk

Finland

Mediq Suomi Oy

Koskelonkuja 4
FI-02920 Espoo
Tel.: +358 20 112 1643
Fax: +358 20 112 1513
www.mediq.fi/apuvaline

France

Praxis Medical Technologies

Parc 2000
107, rue Dassin
34080 Montpellier FRANCE
Phone +(33) 04 99 77 23 23
Fax +(33) 04 99 77 23 39
info@praxismedical.com

Germany

Herrmann & Co GmbH

Oelder str. 20
33378 Rheda-Wiedenbrück
Tel: 05242 / 9671 40
Fax: 05242 / 9671 41
www.herrmann-co.de

Iceland

Oryggismidstödin

askalind 1
IS-201 Kópavogi
www.oryggi.is

Ireland

Meditec Medical Ltd.

Unit 28, Whitestown Drive
Whitestown Industrial Estate
Tallaght, Dublin 24
Tel: 01 4624045
www.meditecmedical.ie

Israel

Mediscan Systems Ltd

P.B Box 2195
6 Hamanov St.
Rehovot 76386
IL-76121 Rehovot
www.mediscan.co.il

Italy

Fumagalli

Piazza Puecher 2
22037 Pontelambro
Tel +39 031 3356811
Fax +39 031 622111
www.fumagalli.org

Japan

Pacific Supply Co. Ltd

1-12-1 Goryo, Daito-shi
JP-5740064
www.p-supply.co.jp

Netherlands

Pronk Ergo bv

Cobaltstraat 14
2718 RM Zoetermeer
Tlf: 079-361 13 40
Fax: 079-361 13 41
www.pronkergo.nl

New Zealand

Morton & Perry

Homecare Equipment
P.O. Box 34439
Birkenhead
Auckland 0746
www.mortonperry.co.nz

Spain

Karinter S.L

C/Ramón Turró, 5-9 Local 4
08005 Barcelona
Tel. +34 93 221 19 17
Fax. +34 93 221 18 72
www.karinter.com

Sverige

Etac Sverige AB

P. O. Box 203
SE - 334 24 Anderstorp
Tel: +46 - 371-58 73 00
Fax: +46 - 370-48 73 90
www.etac.com

Switzerland

Kuhn und Bieri AG

Sägestrasse 75
3098 Köniz
Tel. 0848 10 20 40
Fax 031 970 01 71
www.kuhnbieter.ch

United Kingdom

Meditec Molift Ltd

Hi Trac House
Unit 1 Woodrow Business Centre
Woodrow Way, Irlam
Manchester M44 6NN
Tel. 0844 8004236
Fax 0844 8004237
www.molift.com

USA

Molift Inc.

8406 Benjamin Road
Suite C
Tampa, FL 33634
Tel. 813-969-2213
Fax 813-969-3954
www.moliftinc.com

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