SAFETY AND MOBILITY

USER MANUAL

DIGITAL WHEELCHAIR SCALE

Item Number :

SMDS300WC

SMDS300WC

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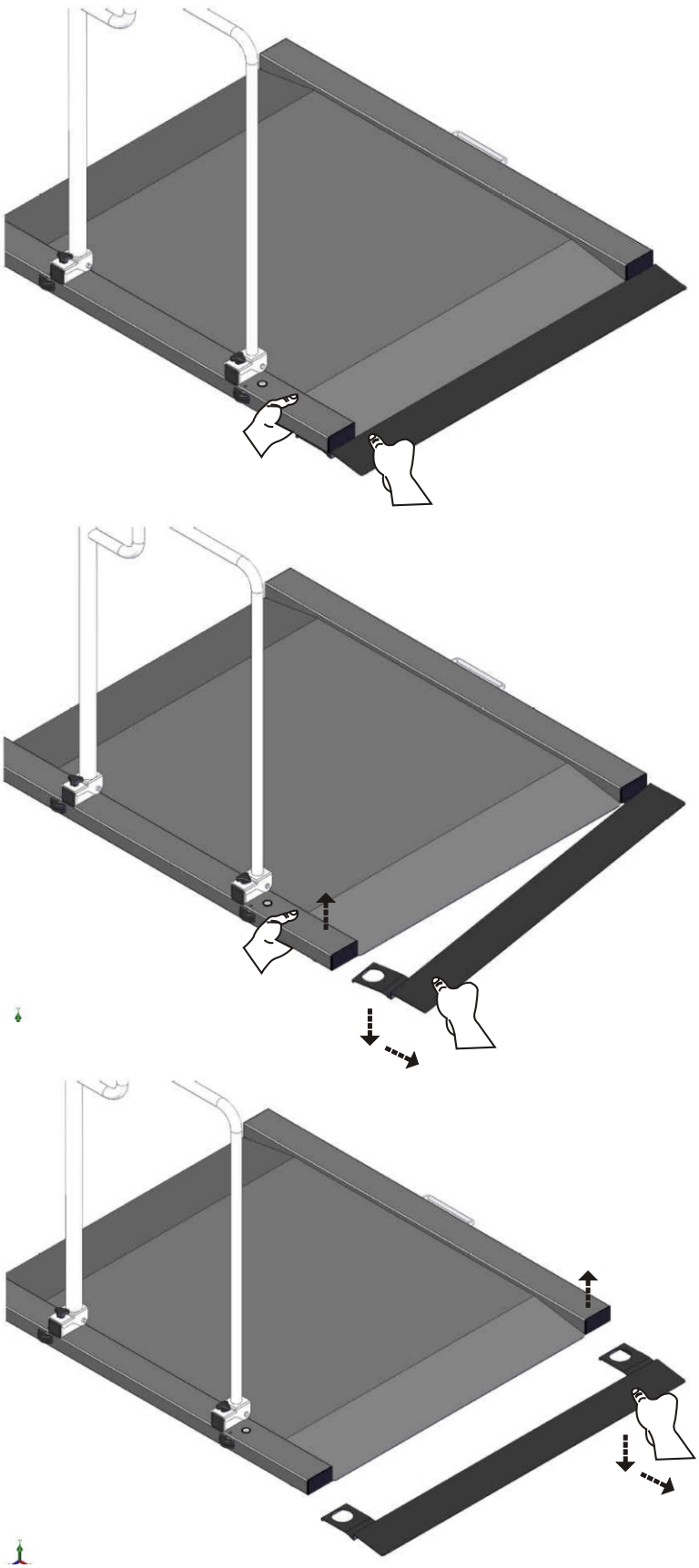
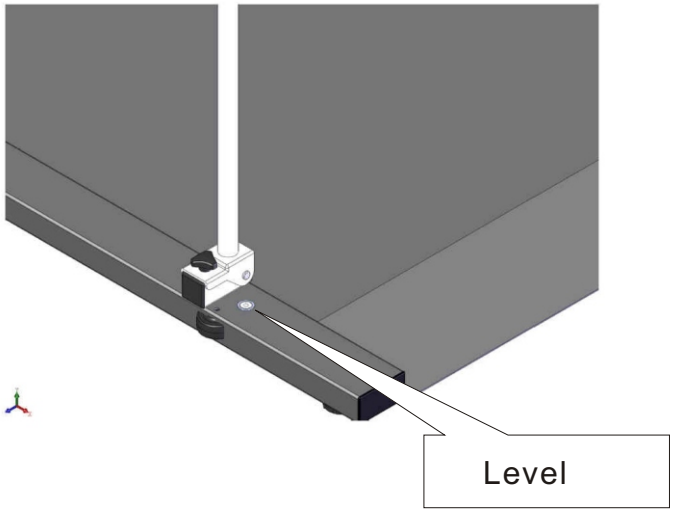
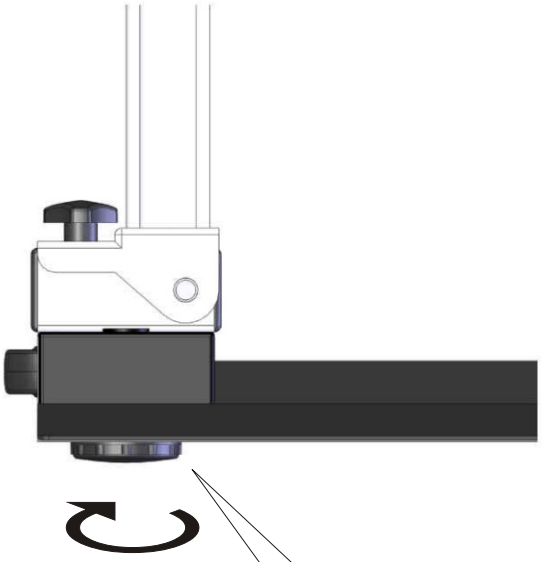
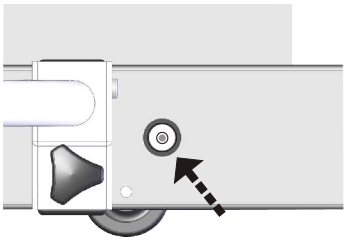
1. Assembly:

Removing the ramps

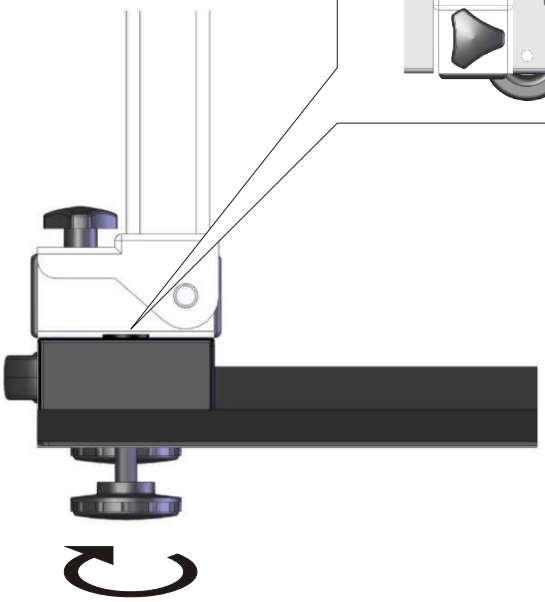








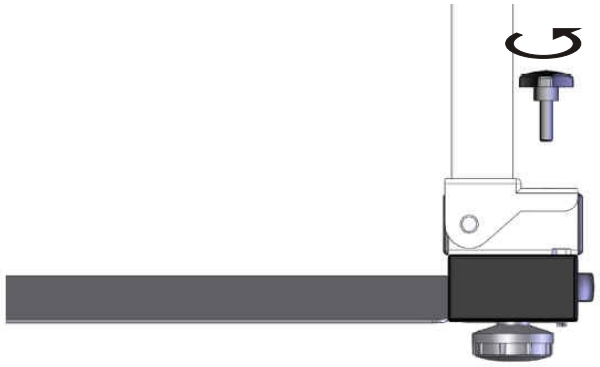
1. Place scales on an even surface
2. Level balance with foot screws until the air bubble of the water balance is in the prescribed circle.



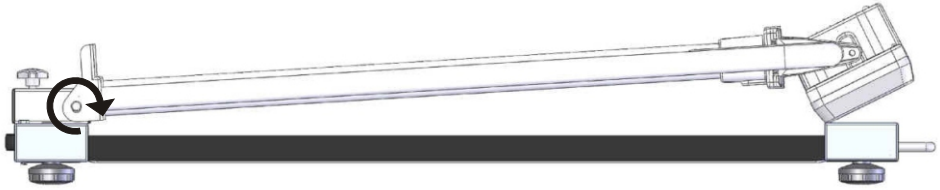
2. Moving the wheelchair scale:

**** Caution: Before moving the scale, please remove the ramps (see page 1)**

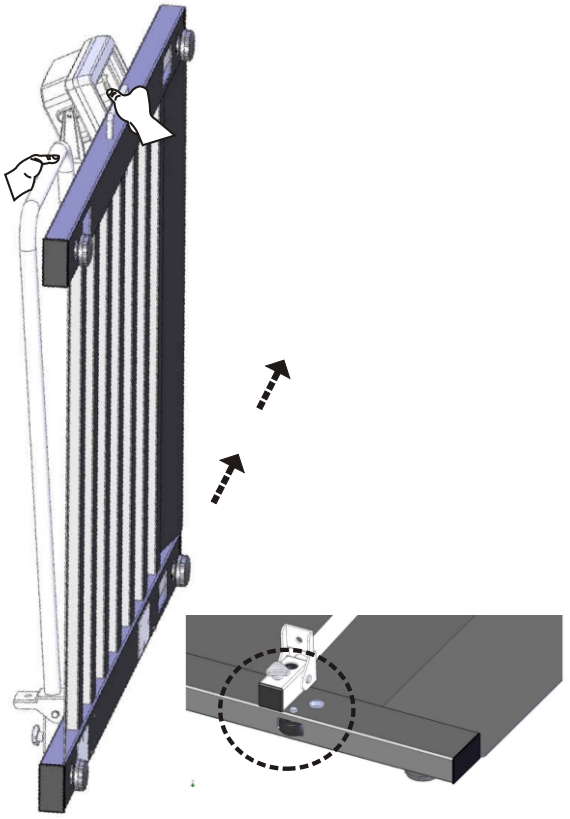
① Unscrew



② Fold up the handrail



③ Hold the handrail with a hand, and move the platform with the underneath caster.



3. Instruction for use:

Power supply:

* Power source : Adaptor input 220V AC/50Hz/200mA ; output 7.5V DC/1A.
* Rechargeable battery : 6V/4.5A.
* Operation temperature : -10℃ ~ 40℃.

Notice on using:

1. Avoid speed temperature influence or windy or direct sunshine and wet.
2. Please must connect with ground wire and don't share same power together with power control system.
3. Load cells output signals provide only week voltage and this device's cable sometimes is easily interfered by pulsed, for this reason please separate with pulses.
4. Every input/out cable is better to use with shield and connect to ground.
5. Load cell and signal cable has to keep dry because the device of display becomes unstable at wet place.
6. When the power stops suddenly or interfered by unstable power, please try to stabilize power.
7. When solder at two terminals of connected signal wire, please do not solder too much for cold-welede to avoid bad communication.

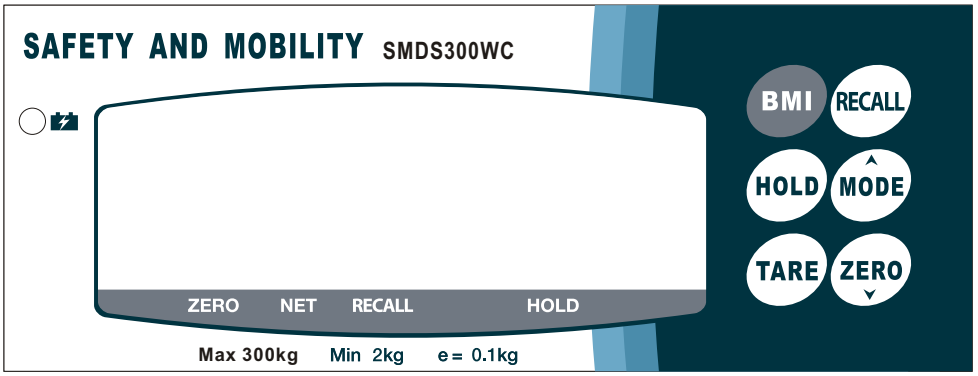
Charging attention:

<1>. When low battery, only display battery symbol.	
<2>. When charge it, please don't share power with other equipment.	
<3>. When charging indicator ● red lights on ----- means in charging.	
<4>. When charging indicator ● green lights on ----- means charging full.	
<5>. If scale is not using over 3 months, please charge it before using.	
<6>. To protect battery life, please do charging anytime.	

Back-light function setting (Option):

<1>. Press "HOLD" key lasting 3 seconds, when display " bL oFF ", release it. Back-light mode is off. (Original setting)	
<2>. Press "HOLD" key lasting 3 seconds, when display " bL on ", release it. Back-light is on all the time.	
<3>. Press "HOLD" key lasting 3 seconds, when display " bL Ato ", release it. When weigh a load, the back-light function will work.	

4. Front panel:



KEYPAD FUNCTION:

- BMI. — BMI.
- RECALL — Recall last date.
- HOLD — Hold key.
- MODE — Change unit weight (kg, lb)
- TARE — Tare key.
- ZERO — Zero key.

SYMBOLS ON DISPLAY:

- O — Stable mode on.
- **ZERO** — Zero mode on.
- **HOLD** — Lock (hold)mode.
- **kg** — Unit weight (kg).
- **lb** — Unit weight (lb).

5. Keypad function:

1. (BMI) Body Mass Index.
   1) The screen display "0",
   2) Ask the person sit on the seat. It will auto hold the weight reading after the weight is stable.
   3) Press (BMI) key and press (MODE) (ZERO) key to enter the person's height. Then press (BMI) key to finish and display BMI.
   3) The BMI value vanishes after the person step off the platform.

2. (RECALL) Press (RECALL) key to display last reading.
   Notice: Allow screen display to show 0kg for this function to work.

3. (HOLD) Manual Hold/Auto Hold:(Default setting Auto)
   Press (HOLD) key to switch between Auto and No Auto.
   1. Manual Hold:
      The person sits on the seat/plate. Wait until the weight is stable and press the (HOLD) key to lock the weight reading. After the person gets off the seat/plate, the display will show 0.0kg after 1 second .
   2. Auto Hold:
      The person sits on the seat/plate. When the weight is stable the numbers will flash and the weight reading is automatically locked in. If the person sits very slowly and the weight has been locked in, and if there is an additional 5kg or more added due to the person sitting more firmly on the seat/plate, the new weight will be recorded.

4. (MODE) Hold down (MODE) key to change unit weight (kg, lb).

5. (TARE) 1) Place the load on th seat/plate, press (TARE) key to deduct the weight of the load. The display will show ▼NET.
   2) Remove the load and press (TARE) key to exit the setting mode.

6. (ZERO) Zero key.
   The display does not show "zero", press (ZERO) key to display ▼ZERO symbol.

7. To return to all default setting switch power OFF.

6. Weight Calibration:

Keypad function chart

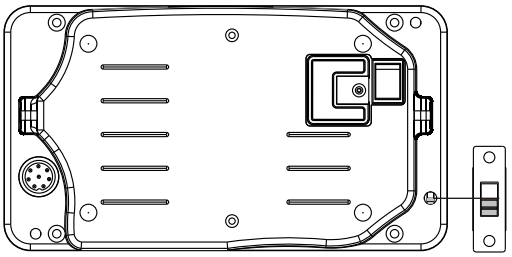
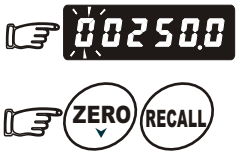
ZERO = Adjusts number upwards 1-9

RECALL = Alters digit being used.

HOLD = Confirms entered details.

1. Calibration should be undertaken by a qualified technician.
2. All weights must be accurate.

EX : Use more than 50kg weight mass for calibration.

Note: The slide switch for the calibration is in the rear of the housing covered by a sealing sticker.(see diagram) Please replace with a new sticker after each calibration.	
<1>. Turn off the power and turn the calibration switch up -ON.	
<2>. Press "HOLD" key and turn on the power at same time.	
<3>. Then it will display "00250.0". Press "ZERO" "RECALL" key to enter desired calibration weighing mass value.	
<4>. Place weighing mass on seat/plate, after it is stable press HOLD key, the Calibration value will be displayed. Remove weight mass from seat/plate and 0.0KG should be displayed. Note: When the display value is different from the weight mass, please repeat steps 3 and 4.	
<5>. Turn the calibration switch down to off. Please replace with a new sticker after each calibration.	