

Chairscale

User manual

H551-00-1



Specifications

Capacity & graduation	300kg/0.1kg (660lb/0.2lb)
Power requirements	Adaptor 100-240VAC-50Hz -9VDC-500mA
Environmental	Operating temperatures: 50°F to 95°F / 10°C to 35°C Storage temperatures: 32°F to 122°F / 0°C to 50°C Humidity: 85% Use in atmospheric pressure
Product dimensions	850 mm x 630 mm x 965mm
Chair dimensions	430 mm x 420 mm x 76mm

Features

Movement compensation technology
BMI (Body Mass Index) function
Zero / Hold / Reweigh / Clear
Kg \ Lb / Print / Enter /Tare
Up and Down arrows
USB and RS232 Port for data transmission
5-digit ¾" LCD negative/positive
FSTN

Power

The scale has a rechargeable battery.
Auto Power – off
Adaptor

Battery indicator

Battery status	Flag indicator
Maximum battery value	3 bars are on
Medium 2 battery value	2 bars are on
Medium 1 battery value	1 bar is on
Low battery	Battery frame
Minimum	Flashing battery frame
Critical	Scrolling "LOW bAt" and auto shutoff
No battery	Off



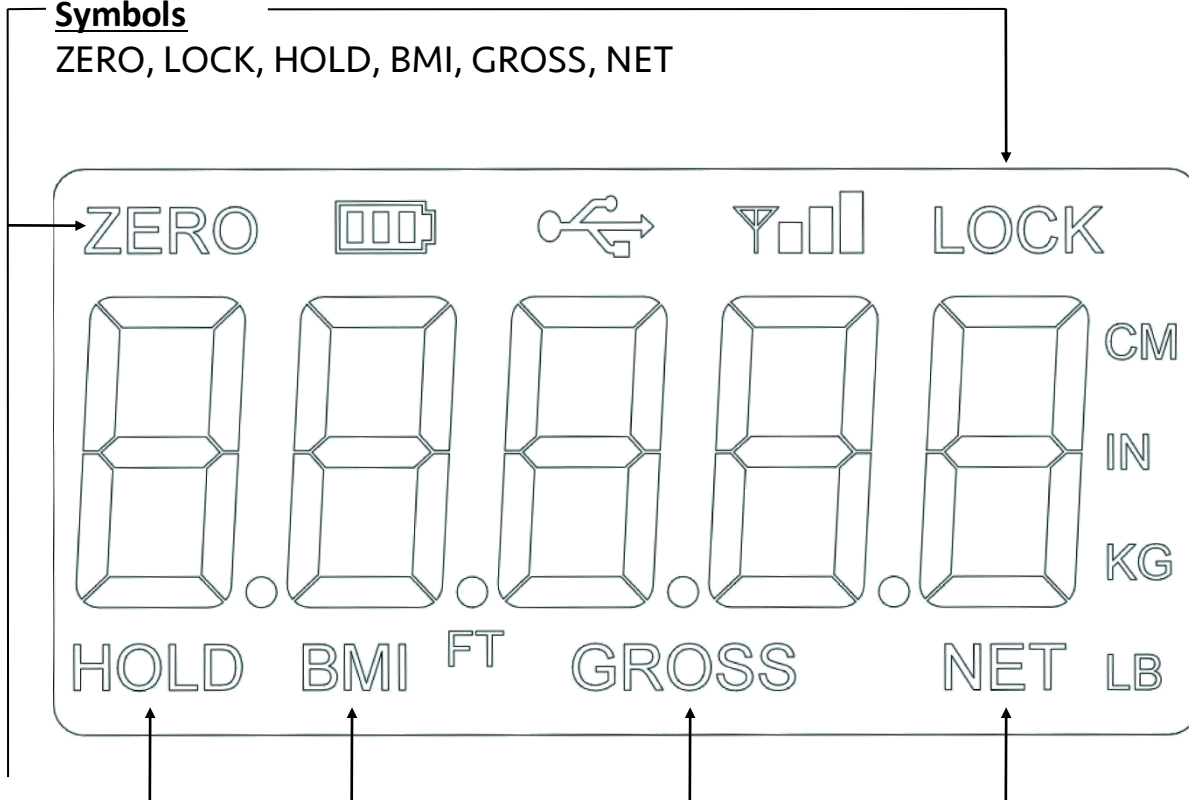
Do not use chair scales for transport of persons!

- If external power supply or USB power is connected the battery flag is turned off.
- Battery flag update. On startup the update is every 5 seconds for 12 cycles (overall 1 minute), after that the battery flag is updated once every 10 seconds.
- When on battery or USB power supply the backlight power is reduced to 60 percent.

Display

Symbols

ZERO, LOCK, HOLD, BMI, GROSS, NET

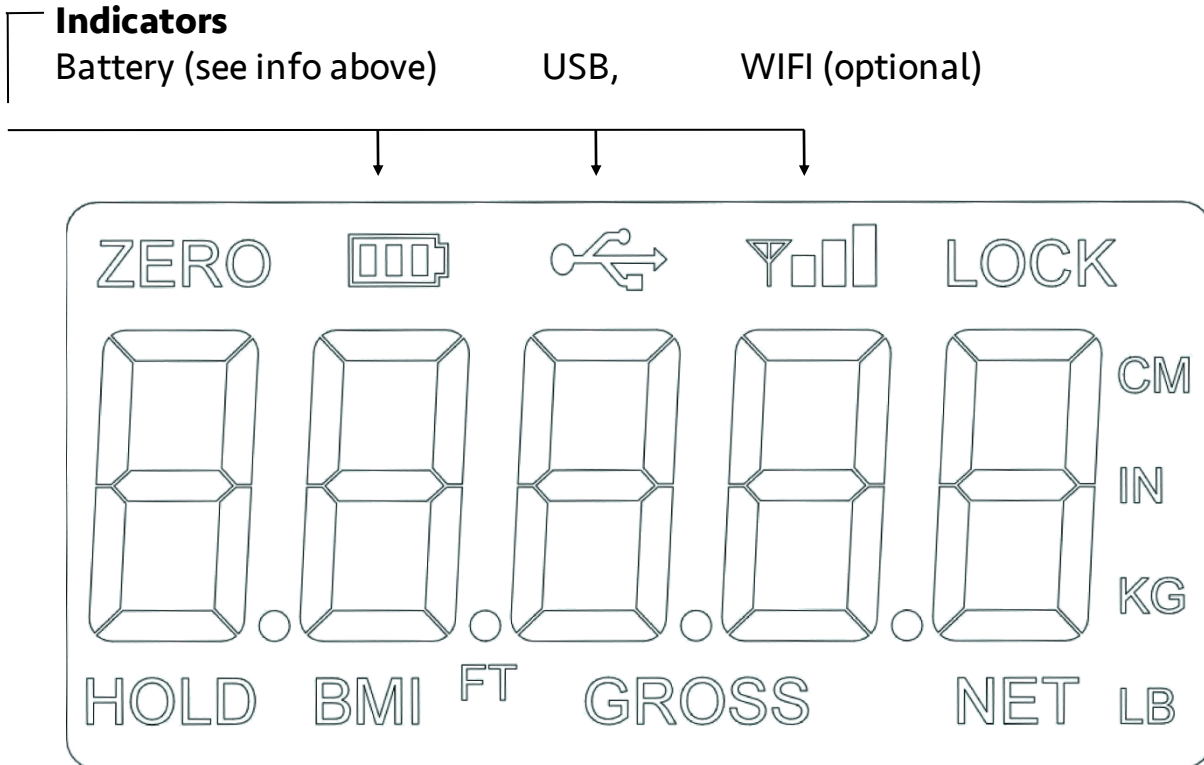


Indicators










Battery (see info above)

USB,

WIFI (optional)



Key description

Key	Name	Function
	On/Off	Turns the scale on or off
	Print Kg/Lb	A long press will trigger a transmission of data sent out by RS232 (see RS232 protocol). When data is sent out from the port, the display flashes the word PRINT to acknowledge the data was sent. A short press allows toggling between pounds and kilograms (providing it is enabled on configuration mode). No toggle in BMI mode.
	Zero	Zeroes the weight on the scale, Attempts to zero for three seconds Works only if the weight is stable Zeroes up to 2% of full weight
	Hold / Release	Pressing on this key while HOLD indicator is off will keep the most current weight value shown on the display along with the HOLD indicator. Pressing on this key while HOLD indicator is on will release the weight and turn off the HOLD indicator. This key is not active in BMI mode
	BMI	Enter BMI mode, only works if there is a locked weight shown on the display and the function is turned on in the configuration settings
	UP/DOWN	Adjust the value of the flashing digit\number
	CLEAR	In BMI height display causes the value to return to default (170.0 cm, 5 ft.7.5 in) In BMI final result display pressing this key will return the scale to weighing mode
	ENTER	Accepts the value of the parameter last entered and moves to the next stage. A long press during scales start-up process will enter id display (pre-parameters mode)
	TARE	For weight under the limit (ASTART value), will enter manual tare, if above the limit will enter tare function. NET & GROSS indicators are on according to the tare operation

BMI procedure

Kg mode

- Ensure that the scale is at zero.
 - Have the person sit down on the scale to obtain a weight.
 - Pressing on BMI key will enter BMI mode, BMI and CM indicators are on and the display shows the height default value **170.0** cm. while all digits are flashing (the height resolution is 0.5 cm).
 - UP/DOWN key are used to adjust the entire value. Pressing it once will adjust by 0.5 cm. If you hold the key down, it will keep increasing\decreasing the values.
 - Pressing ENTER will move to BMI value.
 - BMI value is shown on the display, pressing CLEAR to return to weighing mode, BMI indicator is off.
- * The last height value entered is saved until the zero flag is displayed or negative weight is detected, at this point the value returns to the default value.
- * The height value in centimetres is independent to the value in feet and vice versa.

Hold/ Release function

1. When the person is on the scale, press the HOLD\RELEASE key.
2. When the person gets off the scale the weight will remain the same. The zero flag will not turn on.
3. At this stage the ZERO key will not work. The only way to return to zero from here is to press the HOLD\RELEASE key once more.

Tare function

1. When the weight is below the ASTART parameter value press the TARE key.
2. The default tare value is displayed (factory programmed at 33.0 lb.\15.0 kg), while the zero is flashing.
3. UP/DOWN key is used to adjust the value.
4. Press enter start the tare function. NET annunciator will be turned on instead of the GROSS annunciator.

Manual tare

1. When the weight is above the ASTART parameter value press the TARE key.
2. The tare will be activated with the value that was displayed at the time of the tare activation.
3. NET annunciator will be turned on instead of the GROSS annunciator.

Print button

When pressing the print button the following data will be sent.

In weight mode:

PATIENT WEIGHT 60.1 kg

In BMI (On calculated BMI display only):

In kg:

PATIENT WEIGHT 60.1 kg

PATIENT HEIGHT 170.0 cm

PATIENT BMI 20.8

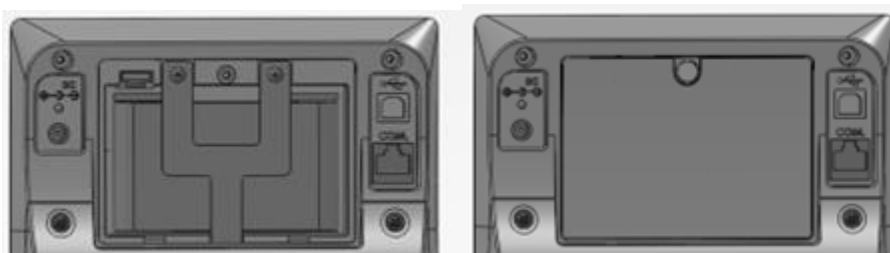
In case of underweight or overweight the word 'UNDER' or 'OVER' will be sent accordingly.

Battery

Quantity: 1

Type: Nickel-metal hydride

The indicator comes with a rechargeable battery, which is inserted into the back of the indicator. The battery is secured with a "Y" shaped bracket and secured with two screws. The battery cover is screwed on to close the indicator.



Cleaning/Disinfection

During all maintenance work with the chair scale, the power supply must be disconnected.

The chair with seat and backrest may only be cleaned with household cleaners or disinfectants, e.g. 70% isopropanol solution.

We recommend a disinfectant that is intended for disinfection by wiping the surfaces of the chair scale.

The manufacturer's instructions must be followed there.

Do not use polishing agents or aggressive cleaning agents such as alcohol, benzine or others, as they can damage the plastic or rubber surfaces.

To avoid cross-contamination, we recommend the following disinfection times:

Seat: before and after any direct contact with the skin.

Display: if required

Do not spray the scale display with the disinfectant (pressure)

The disinfectant must not penetrate inside the scale.

Immediately remove all visible contamination.

Control routines

The scale is verified upon delivery, the scale must be reverified if the seal (SEAL) is broken at e.g. repair of the scale.

Alternatively, if you suspect that the scale is showing errors.

Own checks can be made with known weight but are not necessary.