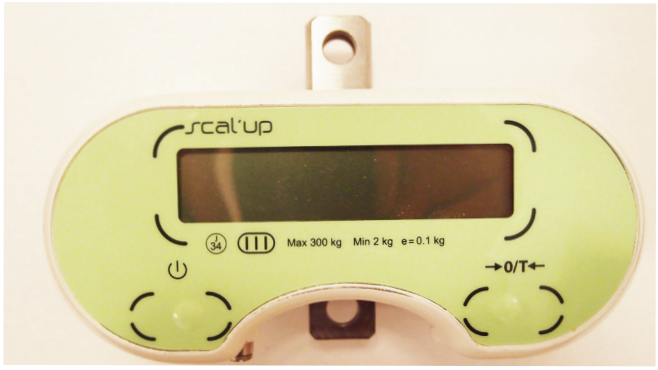
Balea Scal'Up®
Scale

User Guide*

Scal'Up 160 kg	Prod. No. SCALUP-V4-160KG
Scal'Up 175 kg	Prod. No. SCALUP-V4-175KG
Scal'Up 200 kg	Prod. No. SCALUP-V4-200KG
Scal'Up 230 kg	Prod. No. SCALUP-V4-230KG
Scal'Up 250 kg	Prod. No. SCALUP-V4-250KG
Scal'Up 300 kg	Prod. No. SCALUP-V4-300KG



The Scal'Up scale is a convenient, easy-to-use scale that is intended for weighing patients in Liko mobile or stationary lifts. Together with Liko's lifts and lifting accessories, the Scal'Up scale enables safe and easy weighing.

The weight is shown on the scale's digital display in kg.

The Scal'Up scale is certified according to the European directive NAWI 2014/31/EU (Non Automatic Weighing Instruments). The scale should only be used in combination with approved lifts and accessories in accordance with the instructions in this guide.

The Scal'Up scale can be used with the following Liko lifts:

Viking™ mobile lift (S, M, L, XL)

Uno™ mobile lift (all models)

Golvo™ mobile lift (all models)

The Scal'Up scale cannot be used with Standard SlingBar.

Likorall™ overhead lift (all models)

Multirall™ overhead lift

* This user guide is a complement to the complete documentation issued by the manufacturer of the scale. The intention with this document is to make it easier for our customers to use the Scal'Up scale in combination with Liko's products. For detailed information regarding the scale we refer to the manufacturer's instruction guide (attached).

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Enhancing outcomes for patients and their caregivers.

Before assembly, make sure you have the following:

- 2 screws, 2 locking nuts
- Battery
- User Guide from Liko
- Instruction Guide from manufacturer
- Declaration of Conformity
- Metrological notebook

Installing/replacing the battery

The Scal'Up scale s is delivered with a 9 V battery. For installing/replacing of battery, see manufacturer's instruction guide.

NOTE! Old batteries should be left at the nearest recycling station.

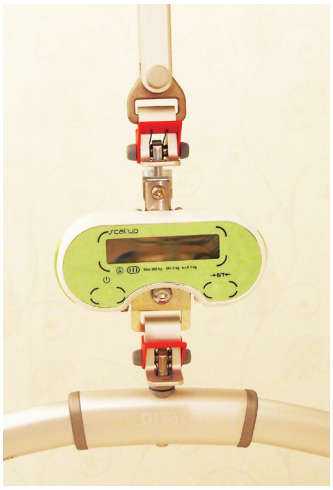
Assembly Instructions

Follow the assembly instructions for the appropriate lift, attachment point, and sling bar.

Viking™ mobile lift, Uno™ mobile lift: Quick-release assembly

Liko lifts equipped with (Q-Link) quick fastener require Quick-Release Hook Universal Prod. No. 3156508, Adapter 8 mm Prod. No. 2016502 and Adapter 22 Prod. No. 3156505.

1. Remove the lifting accessory from the lift.
2. Mount the Quick-Release Hook Universal and Adapter 8 mm, in accordance with the assembly instructions, on to the scale's upper attachment point.
3. Mount the Adapter 22 to the scale's lower attachment point, using bolt and nut provided.
4. Attach the scale on to the lift.
5. Attach the lifting accessory under the scale.



⚠ **The Balea Scal'Up scale is not recommended to be used with fixed assembly on Viking™ mobile lift and Uno™ mobile lift.**

Likorall™ overhead lift, Golvo™ mobile lift: Fixed assembly

1. Remove the lifting accessory from the lift.
2. Mount the lifting accessory to the scale's lower attachment point, using bolt and locking nut provided.
3. Mount the scale on to the lift, using bolt and locking nut provided.

Multirall™ overhead lift, Likorall™ overhead lift, Golvo™ mobile lift: Quick-release assembly

Liko lifts equipped with (Q-Link) quick fastener require Quick-Release Hook Universal Prod. No. 3156508, Adapter 8 mm Prod. No. 2016502 and Adapter 22 Prod. No. 3156505.

1. Remove the lifting accessory from the lift
2. Mount the Quick-Release Hook Universal and Adapter 8 mm, in accordance with the assembly instructions, on to the scale's upper attachment point.
3. Mount the Adapter 22 to the scale's lower attachment point, using bolt and nut provided.
4. Attach the scale on to the lift.
5. Attach the lifting accessory under the scale.

Operation

The normal range for operation of the Scal'Up scale is a temperature between +10°C and +40°C at a relative humidity not exceeding 80 %.

The scale must not be stored at temperatures below -10°C or above +40°C.

Before weighing, ensure the scale has been installed in accordance with the Assembly Instructions on pages 2-3.

⚠ **Before lifting, check that the lifting accessory is hanging vertically and can move freely.**

Weighing with the Balea Scal'Up scale

The scale can be reset to zero with or without the sling. If the scale is reset to zero without the sling attached to the sling bar, the weight of the patient will include the weight of the sling. Therefore the weight of the sling must be subtracted to obtain the correct weight of the patient.

Resetting the scale with the sling is described below:

1. Connect the sling to the sling bar.
2. Start the scale by pressing the ⏻ button.
3. Reset the scale by pressing the **0/T** button.
4. Remove the sling from the sling bar and apply the sling to the patient in accordance with the instruction guide for the sling and lift. Connect the sling to the sling bar.
5. Raise the sling bar so the patient rises slightly. Never lift a patient higher than necessary.
6. When the lifting motion has stabilized you can read the patient's weight on the display.
7. Lower the patient carefully and remove the sling from the sling bar.
8. Press the ⏻ button a few seconds to turn off the scale. The scale turns off automatically after 5 minutes of inactivity.

Calibration

For calibration, see manufacturer's instruction guide or contact Hill-Rom.

Maximum Load

The Scal'Up® scale must have a maximum capacity less than or equal to the lift unit's maximum capacity.

Example:
A lift unit that is approved for 200 kg must be used together with a scale that is approved for at most a maximum load of 200 kg.
A lift unit that is approved for 205 kg must be used together with a scale that is approved for at most a maximum load of 200 kg.

For the assembled lift unit, including accessories, the maximum load is always the lowest maximum load rating for any of the components.

Study the markings on the lift and lifting accessories or contact your Hill-Rom representative if you have any questions.

Technical Data

Accuracy class:	Class III according to the requirements of the NAWI 2014/31/EU Directive.
Readout:	Sensitive to 0.1 kg
Tolerance:	2-50 kg ± 0.05 kg
	50-200 kg ± 0.1 kg
	200-300 kg ± 0.15 kg
Max. load:	160 kg/175 kg/200 kg/230 kg/250 kg/300 kg
Min. load:	2 kg
Reset:	One button reset (**0/T**)
Power supply:	Battery 9 V
Battery:	9 V Alkaline (PP3, MN1604, 6LR61, E-block). Battery life: 6 months
Display:	Digital, liquid crystal (LCD)
Size:	173 x 60 x 100 mm (L x W x H)
Weight:	0.9 kg
Temperature range:	+10° C to +40° C
Humidity range:	0 % - 80 %

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