

Calibration

For calibration, see manufacturer's instruction guide or contact Liko.



User Guide*

7EN160175-04
2009-08-10

Technical Data

| | |
|---------------------------|--|
| Accuracy class: | Class III according to the requirements of the NAWI 90/384 EEC Directive. |
| Readout: | Sensitive to 0.2 kg |
| Tolerance: | 10-99.9 kg +/- 0.2 kg 100-350 kg +/- 0.4 kg |
| Max. load: | 350 kg (772 lbs) |
| Min. load: | 10 kg (22 lbs) |
| Reset: | One button reset (⏏) |
| Power supply: | Battery 9 V |
| Battery: | 9 V Alkaline (PP3, MN1604, 6LR61, E-block). Battery life: about 3000 readings |
| Display: | Digital, liquid crystal (LCD) |
| Size: | 76 x 76 x 134 mm (3 x 3 x 5.3 in.) (W x L x H) |
| Weight: | 0.575 kg (1.3 lbs) |
| Temperature range: | +5° C to +35° C (+41° F to +95° F) |
| Humidity range: | 0 % - 95 % |

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LikoScale 350
Prod. No. 3156228

LikoScale 350 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, LikoScale 350 enables safe and easy weighing.

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

LikoScale 350 is certified according to the European directive NAWI 90/384 (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.

LikoScale 350 can be used with the following Liko lifts:

Viking (S, M, L, XL)

- require Adapter 12 mm, Prod. No. 2016504.

Uno (all models)

- Uno models with serial numbers from 31825 require Adapter 12 mm, Prod. No. 2016504.

- Uno models with serial numbers up to 31824 require Adapter 8 mm, Prod. No. 2016502.

Golvo (all models)

Likorall (all models)

Multirall (all models)

Liko MasterLift (all models)

As the lifting height is limited when LikoScale is used in combination with LikoLight or Viking XS, we do not recommend these alternatives.

* 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 LikoScale in combination with Liko's products. For detailed information regarding the scale we refer you to the manufacturer's instruction guide (attached).

Before assembly, make sure you have the following:

- Tool kit, 2 screws, 2 locking nuts
- Certificate of EU approval
- 2 sleeves
- Declaration of Conformity
- Battery
- Instruction Guide from manufacturer
- User Guide from Liko
- Declaration of Calibration

Installing/replacing the battery

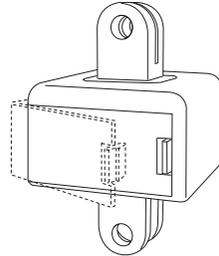
LikoScale 350 is delivered with a 9 V battery with a battery life of about 3000 readings.

Installation of battery:

1. Open the door on the back of the scale.
2. Install the battery.
3. Close the door.

When the battery needs to be replaced, a small battery symbol will appear in the upper left corner of the display.

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



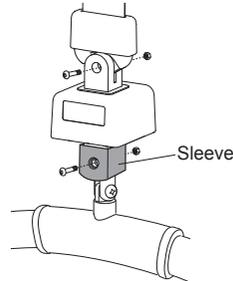
Assembly Instructions

Follow the assembly instruction for the appropriate Liko lift.

Likorall, MasterLift, Golvo: Fixed assembly

Always use one of the sleeves, included with the scale.

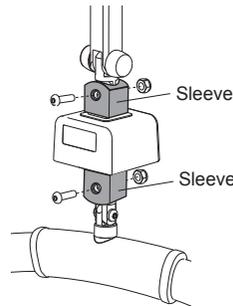
1. Remove the lifting accessory from the lift.
2. Place one sleeve on the scale's lower attachment point. Mount the lifting accessory under the scale, using bolt and locking nut provided.
3. Mount the scale on to the lift, using bolt and locking nut provided.



Viking, Uno: Fixed assembly with adapter

Always use two sleeves, included with the scale

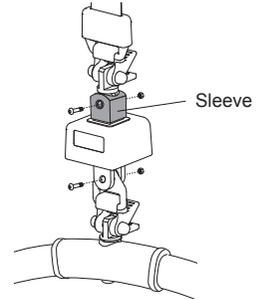
1. Remove the lifting accessory from the lift.
2. Mount the appropriate adapter (see previous page) on to the lift in accordance with the assembly instruction.
3. Place one sleeve on the scale's lower attachment point. Mount the lifting accessory under the scale, using bolt and locking nut provided.
4. Place one sleeve on the scale's upper attachment point. Mount the scale in its upper attachment to the adapter, using bolt and locking nut provided.



Multirall, Likorall 200 / R2R: Quick-release assembly
Liko lifts equipped with (Q-Link) quick fastener require the Adapter Kit LikoScale, Prod. No. 3156232

Always use one of the sleeves, included with the scale.

Mount the Adapter Kit LikoScale in accordance with the assembly instruction.



Operation

The normal range for operation of LikoScale 350 is a temperature between +5°C and +35°C (+41°F and +95°F) at a relative humidity not exceeding 95%.

The scale must not be stored at temperatures below -20°C or above +50°C (-4°F and +122°F).

When the scale is stored for more than 6 months, the battery should be removed. Follow instructions for installing/replacing the battery.

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 LikoScale 350

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  button.
Dashes will move across the display for a few seconds while the scale is resetting. When the scale is ready, the value "0.0" will appear on the display.
Note! No more than 35 kg (77 lbs) can be tared to zero.
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, press the  button. The patient's weight can now be read on the display. The scale turns off automatically after about 60 seconds. For further readings, press the  button.
7. Lower the patient carefully and remove the sling from the sling bar.

⚠ When disassembling the scale, the adapter must be removed from the lift before a lifting accessory is reassembled on to the lift.