

AL-61198

Electronic Bed and Dialysis Scale with Equipment Trolley



- Mobile bed scales for bedridden patients.
- Limit function with alarm.
- Patented lift mechanism for easy operation.
- Supplemental rechargeable battery for use anywhere and for data security.
- Integrated pre-TARE function.

For dialysis facilities and intensive care units.

The AL-61198 is the mobile bed and dialysis scale that is ideally suited to monitoring patients' weight changes. In intensive care units, for example, early recognition of weight fluctuations is vital since any change could affect the health and life of the patient. Likewise in dialysis treatment facilities, the AL-61198 is essential for weight monitoring.



Makes life easy for patient and personnel.

Especially in dialysis treatment or the ICU, many patients cannot be weighed while standing or sitting. A mobile bed scale which allows the patient to remain in bed while being weighed is of enormous help. The patient is spared the trouble of moving from bed to scale and back again and medical personnel are relieved of unnecessary physical exertion.

With patented lift mechanism, limit and pre-TARE function.

The AL-61198 makes it all very easy with a patented lift mechanism that allows the user to roll the load cells under the bed and secure them there. All that's required is the push of a button and a lever. Thanks to the patented mechanism, no effort is required. Just as help-ful is the limit function which signals a change in weight with an acoustic warning, making it unnecessary for the user to monitor the display continuously. The pre-TARE function also simplifies things: the weight stored in memory (of the patient's bed, for example) can be deducted from the currently measured weight, leaving only the patient's body weight in the display.

That is especially important in the following clinical pictures:

If the patient's condition involves high volumes of fluid such as in dialysis or fluid losses as seen in intensive care, the continuous measuring by the AL-61198 is a great help. The body should contain neither too little nor too much water because either condition may have dangerous consequences, e.g., dehydration or hyperhydration.

The consequences could be fatal:

When a patient is dehydrated, the amount of water in the body decreases and the patient's weight along with it. The patient could suffer a circulatory collapse or shock. In cases of hyperhydration, the patient's weight increases due to unchecked fluid retention. The consequences range from headache to cramps, edema and even death.

Clinical pictures with dehydration:

- Severe loss of blood, e.g., as a result of an accident
- Plasma lost and loss of interstitial fluid caused by severe burns
- Diarrhea
- Incessant vomiting
- Excessive transpiration through the skin

Clinical pictures with hyperhydration:

- Heart failure
- Cirrhosis
- Lung diseases
- Underactive thyroid



The asymmetric limit function helps in dialysis.

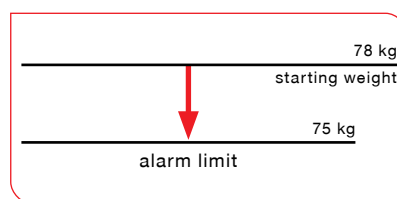
Up until now it has been necessary during dialysis treatment to keep an eye on measurements until water and toxic substances had been flushed from the body. Now the asymmetric limit function replaces all the uninterrupted monitoring with an acoustic warning.



The patented lift mechanism permits placement of the load cells without any effort.

The function in detail:

Because patients undergo dialysis treatments at certain intervals, toxic substances and water collect in the body which the diseased kidneys cannot eliminate. As a result, the weight of the patient increases day by day. At the time of treatment, the patient's dry weight, that is, without accumulated fluid, can be determined and defined as the target weight. As soon as that weight is reached, an acoustic warning sounds and hemodialysis can be stopped. Standing by and checking the display? Completely unnecessary.



Plus a trolley that increases mobility.

A stable device trolley simplifies mobile use of the AL-61198. The top part of the trolley has space for the permanently installed display and operating element, a large storage compartment and a writing surface for filling out index cards or diagnosis notepads. The four load cells can be safely transported on the lower shelves.

Simple reasons for great dependability.

The rechargeable batteries delivered with the bed scale ensure that measurements remain in memory even during power loss and guarantee simple and sure weighing under extreme conditions. Extra help is provided by an operating and display element with easy-to-read figures and easy-to-follow menus and by the keyboard's user-friendly and easy-to-clean operating elements.



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Technical Data

- Capacity: 500 kg / 1,100 lbs
- Max. patient weight: 250 kg / 550 lbs
- Graduation: 100 g < 200 kg > 200 g / 0.2 lbs < 440 lbs > 0.5 lbs
- Dimensions (WxHxD)/trolley: 520 x 927 x 562 mm / 20.5 x 36.5 x 22.1"
- Dimensions (WxHxD)/load cells: 328 x 150 x 212 mm / 12.9 x 5.9 x 8.3"
- Weight (load cells + trolley): 50.7 kg / 111.8 lbs
- Weight/load cells: 6.2 kg / 13.6 lbs
- Power supply: Power adapter/ rechargeable Batteries
- Functions: TARE, pre-TARE, HOLD, BMI, limit value, kg/lbs switch-over, damping
- Optional: RS232 interface