

seca 984

Mobile bed and dialysis scales with limit function alarm



- 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.

seca 984:

For dialysis facilities and intensive care units.

The seca 984 is the mobile bed and dialysis scale by seca 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 seca 984 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.

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



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

The seca 984 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 helpful 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.

Clinical pictures with hyperhydration:

- Heart failure
- Cirrhosis
- Lung diseases
- Underactive thyroid



The consequences could be fatal:

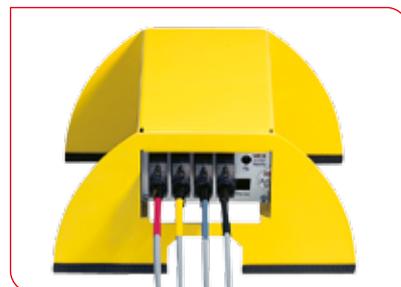
When a patient is dehydrated, the amount of water in the body decreases and the patient's weight along with it. The patient could suffer a circulatory collapse or shock. In cases of hyperhydration, the patient's weight increases due to unchecked fluid retention. The consequences range from headache to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



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

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 seca 984 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.

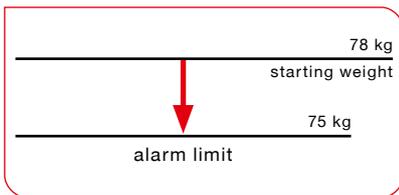


The asymmetric limit function helps in dialysis.

Up till 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 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.



Supplemental display for seca 434

The optional multifunctional display seca 434 supplements the seca 984 with still another important function, the symmetric limit function. It also provides a pause key and a weight memory function that can hold up to seven different measurements/weights at once.

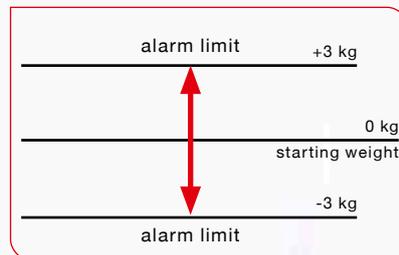


The symmetric limit function helps in intensive care.

The difference is really quite simple between the asymmetric limit function for dialysis and the symmetric limit function for intensive care. A limit can be set for one function and a fluctuation range can be specified for the other. Particularly in intensive care, that's a big help in monitoring illnesses with extreme fluctuations in fluid levels.

The function in detail:

In cases of severe burns, patients experience a serious loss of fluid as the wounds discharge large amounts of protein-laden fluid. The body attempts to strike a balance by storing fluid taken from blood vessels. This reaction in turn leads to difficulty in the body's maintaining proper circulation. With the help of the symmetric limit function, the patient's weight with an adequate supply of fluids is determined along with the corresponding fluctuation range. If the value is outside the range, an acoustic warning is sounded. Standing by and checking the display? Completely unnecessary.



Integrated display to activate pause function and more.



The pause function increases comfort.

When the pause function is activated, objects can be placed on or removed from the bed without influencing the weighing results. If the patient requests an extra pillow, that's no problem at all. Doctors and nurses can respond to the patient's every wish and still obtain the desired results. It's very easy – with use of the command "Pause ON", the weighing process can be interrupted for as long as necessary. All weight changes that are made until the "Pause OFF" key is pressed will be ignored when the results are calculated.



Plus a trolley that increases mobility.

A stable device trolley simplifies mobile use of the seca 984. On top next to the permanently mounted display and operating element there is a storage compartment for the optional seca 434 multifunctional display 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.



seca 984

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/trolley: 25.6 kg / 56.4 lbs
- Weight/load cells: 6.2 kg / 13.6 lbs
- Power supply: Power adapter/ rechargeable Batteries
- Functions: TARE, pre-TARE, HOLD, BMI, limit value, damping, kg/lbs switch-over
- Optional: Multifunctional display seca 434

seca 434

Technical Data

- Dimensions (WxHxD): 275 x 60 x 160 mm / 10.8 x 2.4 x 6.3"
- Weight: 330 g / 0.7 lbs
- Functions: TARE, symmetric limit value, pause, weight memory RS232 interface, kg/lbs switch-over
- Optional: Interface cable seca 451

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