

seca 984

Digital bed and dialysis scale with equipment trolley



- Mobile bed scale 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 monitor 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.

In a dialysis treatment or in an ICU setting, 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 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.

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.

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

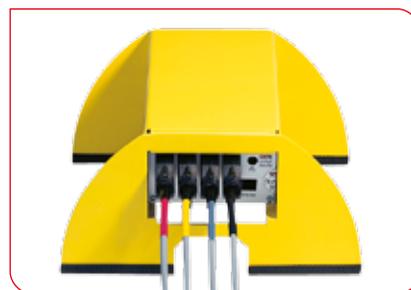


The consequences could be fatal:

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.

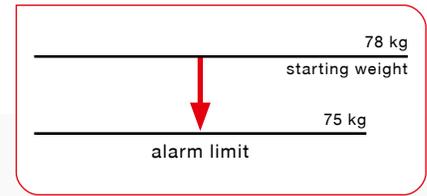


The asymmetric limit function helps in dialysis.

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:

Since 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.

Always in use: the seca 984 facilitates the easy, gentle and precise weighing of bedridden patients and is an indispensable aid in dialysis and intensive care. With the integrated lifts, four load cells can be placed easily and effortlessly under the castors of the bed. The previously determined weight of the bed is deducted using the TARE function and the patient's precise weight is determined.

Simple reasons for great dependability.

In the event of a power failure, the scale stores all previously displayed values using rechargeable batteries. When not in use, the four bed lifts can be stored on the equipment trolley. 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: 1,100 lbs / 500 kg
- Graduation: 0.2 lbs < 440 lbs > 0.5 lbs / 100 g < 200 kg > 200 g
- Dimensions/cart (WxHxD): 20.5 x 36.5 x 22.1" / 520 x 927 x 562 mm
- Dimensions/Load cells (WxHxD): 12.9 x 5.9 x 8.3" / 328 x 150 x 212 mm
- Weight (load cells + cart): 56.4 lbs / 25.6 kg
- Power supply: Power adapter, rechargeable batteries
- Functions: TARE, pre-TARE, HOLD, BMI, limit value, lbs/kg switch-over, damping
- Optional: RS232 interface seca 460

