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> Seca 797 EMR Validated Column Scale with Eye-Level Display and Wi-Fi Function User Manual

seca 797

Seca 797 EMR Validated Column Scale

USER MANUAL: EYE-LEVEL DISPLAY AND WI-FI FUNCTION

Product Overview

The seca 797 is an EMR-validated column scale designed for precise weight and height measurements in medical environments. It features an eye-level display and integrated Wi-Fi for direct data transmission to Electronic Medical Record (EMR) systems. The robust construction ensures durability and accuracy for high patient volume use.



Image: The seca 797 medical-grade column scale, designed for years of use in high-volume patient settings.

Key Features:

- **EMR-Validated:** Direct data transmission via built-in Wi-Fi module.
- **Integrated Height Rod:** Included for three-point measurement, with a measuring range of 4 to 90 inches.
- **Durable Construction:** Non-tilting base made of heavy-duty cast iron with impact- and scratch-resistant powder coating.

- **High Capacity:** Supports up to 550 lbs / 250 kg with a graduation of 0.2 lb / 100 g.
- **Eye-Level Digital Display:** Two-line display for clear readings.

Setup Instructions

1. Unpacking and Assembly:

Carefully remove all components from the packaging. Ensure all parts, including the column, base, display unit, height rod, and seca 401 AC power adapter, are present and undamaged. Follow the assembly instructions provided in the separate quick guide to securely attach the column to the base and mount the display unit and height rod.

2. Power Connection:

Connect the seca 401 AC power adapter to the designated power input on the scale. Plug the adapter into a suitable electrical outlet. The scale can also operate on batteries (not included) for portable use, if applicable to your model variant.

3. Initial Power On:

Press the power button to turn on the scale. The display will perform a self-test and then show '0.0' or '0.00' indicating it is ready for use.

Operating Instructions

1. Basic Weighing:

1. Ensure the scale is on a firm, level surface and displays '0.0'.
2. Instruct the patient to step onto the center of the weighing platform.
3. Wait for the weight reading to stabilize on the eye-level display.
4. Record the weight or transmit it via Wi-Fi.
5. Instruct the patient to step off the scale.



Image: The two-line digital display provides clear readings of weight and height.

2. Height Measurement with Integrated Rod:

1. With the patient standing on the scale, raise the height rod until the headpiece rests gently on the patient's head.
2. Ensure the patient is standing upright with their back against the column for accurate measurement.
3. Read the height directly from the height rod or the digital display, if integrated.
4. Lower the height rod after measurement.



Image: Adjusting the built-in measuring rod for accurate height measurement.

3. EMR Data Transmission (Wi-Fi Function):

The seca 797 is equipped with a built-in Wi-Fi module for seamless integration with EMR systems. Refer to your facility's IT guidelines and the scale's network configuration menu for initial setup. Once configured, measured data (weight and height) can be transmitted directly to the patient's electronic medical record with a press of the transmit button or automatically, depending on your system's setup.



Image: EMR-validated scale with built-in Wi-Fi module, enabling direct transmission of results to Electronic Medical Records.

4. Additional Functions:

The display unit may include additional functions such as Hold, Tare, and BMI calculation. Consult the on-screen menu or the detailed product manual for specific instructions on using these features.

Maintenance

1. Cleaning:

Clean the scale regularly using a soft cloth dampened with a mild disinfectant solution. Avoid abrasive cleaners or solvents that could damage the surfaces. Ensure no liquids enter the display unit or other electronic components.

2. Care for Cast Iron Base:

The heavy-duty cast iron base is designed for durability. To maintain its condition, avoid dropping heavy objects on it and clean any spills promptly to prevent staining or corrosion, although it is resistant to moisture.

3. Calibration:

Regular calibration by authorized service personnel is recommended to ensure continued accuracy, especially in professional medical settings. Refer to local regulations and manufacturer guidelines for calibration intervals.

Troubleshooting

- **Scale does not turn on:**
Check if the AC power adapter is securely connected to both the scale and the power outlet. If using batteries, ensure they are correctly inserted and have sufficient charge.
- **Inaccurate readings:**
Ensure the scale is on a firm, level surface. Verify that nothing is touching the scale platform during measurement. Recalibration may be required if persistent inaccuracies occur.
- **Wi-Fi connectivity issues:**
Check the scale's network settings and ensure it is within range of your Wi-Fi network. Verify that your EMR system is properly configured to receive data from the scale. Consult your IT department for network-specific troubleshooting.
- **Display errors:**
If the display shows an error code, refer to the detailed product manual for specific error code meanings and troubleshooting steps. Often, turning the scale off and on again can resolve minor display glitches.

Specifications

Feature	Detail
Model	Seca 797
Capacity	550 lbs / 250 kg
Graduation	0.2 lb / 100 g
Height Measuring Range	4 – 90 inches
Display Type	Digital, Eye-Level, Two-Line
Connectivity	Wi-Fi (EMR-validated)
Power Source	seca 401 AC power adapter (included)
Material	Cast Iron base
Color	Silver

Warranty and Support

The seca 797 column scale comes with an **8-year warranty**, which is four times the industry standard, reflecting the

manufacturer's confidence in its durability and quality. For technical support, service, or warranty claims, please contact seca customer service directly. Keep your purchase receipt and product serial number available when contacting support.

Product Video

Video: An overview of seca Digital Physician Scales with Height Rods, demonstrating key features and operation. This video is provided by seca precision for health.

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