



ADULT HEIGHT METER
MOD. WH200 - WH200D




 **Read this manual carefully before using the instrument**

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By choosing the statimeter to measure height **WUNDER** mod. **WH200 - WH200D** you have purchased a professional measuring instrument. For over 40 years, **WUNDER** has been putting its experience at the service of health. This instrument complies with national regulations in hospitals, doctors' surgeries and inpatient care institutions. The instrument is characterized by a screen-printed anodized aluminum rod to measure the height of the guest. The reading can be done by or by reading the measurement directly on the silk-screened rod (WH200) or by means of a digital LCD applied on a mobile head rest paddle (WH200D).

1. GENERAL RULES

 **Carefully read this manual before using the instrument as it supplies important indications concerning OPERATING SAFETY AND MAINTENANCE.**

The descriptions and illustrations provided in this manual are not binding.
WUNDER reserves the right to make any changes it deems convenient for the purpose of improvement, without making any commitment to update this publication.
The Customer Service Department is available for further information on the use, maintenance and assistance of this product.

Conventions: The following symbols have been used in this manual:

	ATTENTION! PLACED BEFORE DETERMINING PROCEDURES. COMPLIANCE FAILURE CAN HARM THE OPERATOR OR PATIENT OR DAMAGE THE PRODUCT
	WASTE DISPOSAL IN COMPLIANCE WITH 2012/19/UE DIRECTIVE

2. SAFETY

Operators must read this manual carefully, comply with the instructions it contains and become familiar with the correct use and maintenance procedures of the instrument.

The manufacturer denies all liability for any direct or indirect damage, including loss of profits, or any other commercial damage due to misuse of the product and failure to comply with the instructions given in this manual.

- Keep this manual for consultation and to support staff training.
- To make a correct height measurement, move the cursor not from the palette but from the cursor. If you use the paddle over time it could be damaged
- Do not immerse the instrument in water or other liquids

2.1 INTENDED USE

This device is intended to be used to weigh people, in the medical clinic, for general diagnostic purposes.
Environment of use: in hospitals and medical clinics, medical clinics. The installation room must be equipped with an electrical system compliant with the standards in force. It is recommended to use the balance in environments not exposed to magnetic interference.
Personnel intended for the use of the product: operators and doctors who are familiar with the product.
Control and Responsibility: the medical device must be used under the supervision of a qualified doctor or qualified personnel in charge of maintenance and periodic checks.
Limits of use: this medical device can only be used as described in this manual.

3. TECHNICAL SPECIFICATIONS

Model	WH200		WH200D
Code	00069AB	00069AD	00051D
Graduated scale	Da 60 a 210cm	Da 60 a 225cm	Da 120 a 202cm
Division	1mm – 1/16 of inch		1mm – 1/16 of inch
Manufacturer	Wunder Sa.Bi. Srl - Trezzo Sull'Adda (MI), Italy		
Unit of measurement	mm / inches		

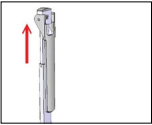
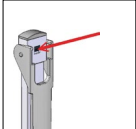
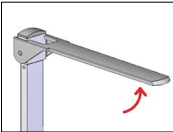
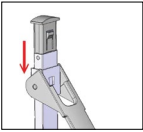
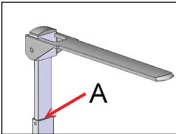
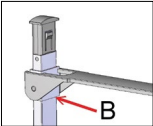
4. INSTRUCTION FOR USE

4.1 USE OF MANUAL MECHANICAL STATIMETER



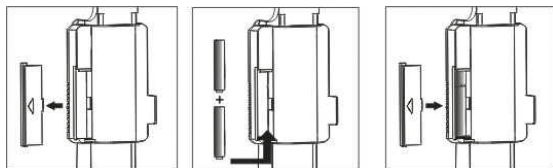
ATTENTION!

FOR THE MEASUREMENT OF HEIGHT THE PATIENT MUST BE ON THE SCALE PLATFORM

Measurements more than 130 cm		Measurements less than 130 cm	
	Pull up the height meter rod.		Lower the headrest palette and press the black center stopper.
	Position it horizontally.		Holding down the black stop, lower the headrest palette.
	Lower the rod up to the point where the lever rests head touches the patient's head. The height can be read at the point 'A'.		Lower the rod to the point where the blade touches the patient's head. The height can be read at point 'B'.

4.2 USING MANUAL STATIMETER WITH DIGITAL READER MODEL WH200D

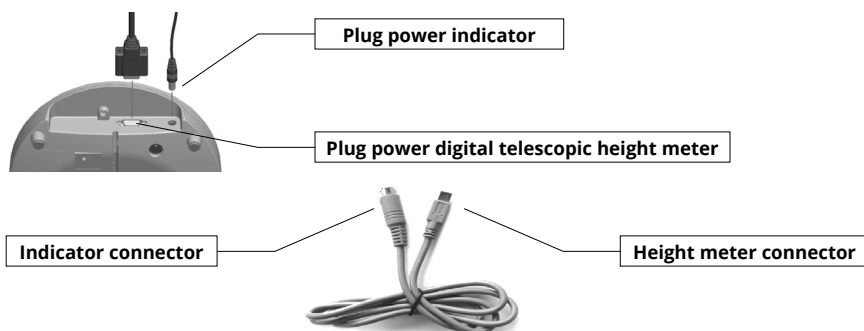
STEP 1: INSTALLATION ALKALINE BATTERY



- Removing battery cover at the rear of indicator
- Installing code AAA batteries * 2
- Reinstalling the battery cover

STEP 2: CONNECTING CABLE DIGITAL TELESCOPIC HEIGHT METER

To use the digital height rod, a cable is provided to connect the height rod directly to the display and obtain the height measurement automatically.



The indicator connection is under indicator

The height meter connection is under indicator height meter

STEP 3: MEASURING HEIGHT

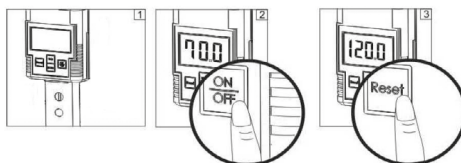


ATTENTION!

THE MEASUREMENT OF THE PATIENT MUST BE GETTING ON THE PLATFORM OF SCALE

Steps to accurate measurement

- Make indicator move to the end of measuring rod. Then switch ON and press reset key once to calibrate.
- Push the head stop far enough up the rod so that the person to be measured can stand underneath it comfortably.
- Ask the person to be measured to stand with his or her back to the rod.
- Sliding the head stop down until it touches the head.
- Read the height measured on the display unit.



5. MAINTENANCE AND ASSISTANCE

For better and longer duration of the product it should receive thorough general cleaning periodically. The instrument must be cleaned with a soft cloth moistened with water or neutral detergent, without using solvents or abrasive substances. If the instrument remains idle for a long period, remove the batteries from the terminal. During shipping, make sure not to subject the instrument to blows or excessive mechanical stress. In case of repairs or assistance, contact your dealer.

6. SCRAPPING AND WASTE DISPOSAL

Scrapping: When you decide to no longer use this item, we recommend making it unusable. We also recommend making those parts which could be sources of danger harmless.



Waste disposal 2012/19/UE

This product complies with the **Directive 2012/19/UE**. The symbol of the crossed-out waste bin on the appliance indicates that the product, needing to be treated separately from household waste, at the end of its useful life must be completed in a separate collection facility for electric and electronic appliances or returned to the dealer upon purchase of a new equivalent appliance. The user is responsible for bringing the appliance to an appropriate collection structure at the end of its life. Appropriate separate collection and sending the appliance for recycling, treatment and environmentally compatible waste disposal contributes to avoid possible negative effects on the environment and health and favours the recycling of the materials the product is made of. For more detailed information regarding available collection systems, contact your local waste disposal service or the shop where the product was purchased.

As consumers, you are obliged by law to return used or dead batteries. You may deposit old batteries at public collection spots in your town or else with any battery dealer who has placed specific collectors for this purpose. Even when scrapping electric and electronic appliances, they must be removed and deposited in specific collectors.

NOTE: The following symbols indicate the presence of harmful substances.

Pb Pb = containing Lead	Cd Cd = containing Cadmium	Hg Hg = containing Mercury
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Do not throw electric parts and used batteries away with household waste.
Dispose of the batteries by means of your closest collection centres.

7. WARRANTY

This certificate must be kept until the warranty has expired.

It must be presented together with the invoice, tax receipt or delivery note providing the name of the dealer and date of purchase whenever a technical intervention is required. Otherwise the user will lose any warranty rights. The warranty takes effect from the date of purchase and is valid during the entire period foreseen by the current catalogue/pricelist.

By warranty we mean the replacement or repair free of charge of parts making up the appliance which, at the discretion of the manufacturer, are deemed faulty from the origin; Wunder therefore has the faculty of repairing or replacing the item.

The warranty does not cover:

- shipping faults, damage caused by falls, carelessness or tampering.
- damage caused by incapability of using the appliance and of its improper use.
- damage caused by an insufficient or inadequate electrical system or alterations resulting from environmental, climatic or other types of conditions.
- damage due to incorrect installation of the appliance and repairs carried out by unauthorised personnel.
- Interventions at home for convenience controls or presumed defects.
- Routine maintenance and that which can be considered normal wear from use.
- consumables such as: power supplies, batteries, keyboards, plates, wheels, heads, rolls, load cells faulty due to blows or overloads.

Service can also be refused when the appliance has been changed or transformed in any way.

In case of interventions at one's home, the customer must pay the fixed fee; if however the appliance is repaired at an authorised Wunder Service Centre, expenses and relative travel risk are borne by the user.

Wunder will not be held liable for damage of any nature caused directly or indirectly to persons, animals or objects resulting from failure to comply with all the instructions indicated in this manual or anyway resulting from improper use.

The Court of Bergamo has jurisdiction in case of any dispute.



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