



960

R150

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PROFESSIONAL SCALES
MOD. 960 150A / R150A



 **Please read this manual carefully before using the instrument**

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By choosing the **WUNDER** mod. **960A/R150A** professional mechanical scale, you have purchased a high precision instrument. Since over 40 years **WUNDER** has placed its experience at the service of health. This instrument is compliant with national standards in hospitals and clinics with medical class **Im** with measurement function and is calibrated in conformity with accuracy **class IIII**.

1. GENERAL RULES



WARNING!

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

WUNDER reserves the right to modify the images in the following manual, only if they are purely aesthetic modifications and do not affect the safety and performance of the instrument, without communicating the updates promptly.

Customer Service is available for further information on the use, maintenance and service of this product.

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

	MEDICAL DEVICE IN COMPLIANCE WITH REGULATION 2017/745/EEC
	INSTRUMENT SUITABLE FOR LEGAL USE, IN COMPLIANCE WITH DIRECTIVE 2014/31/EU AND EUROPEAN STANDARD EN45501
	MEDICAL DEVICE
	UNIQUE DEVICE IDENTIFIER
	INSTRUMENT IN COMPLIANCE WITH NAWI METRIC DIRECTIVE ACCURACY CLASS IIII 90/384 2014/31/UE AND THE EN45501 EU STANDARD
	WARNING! PLACED BEFORE DETERMINING PROCEDURES. COMPLIANCE FAILURE CAN HARM THE OPERATOR OR PATIENT OR DAMAGE THE PRODUCT
	READ THIS MANUAL CAREFULLY BEFORE USING THE INSTRUMENT
	MANUFACTURER: WUNDER SA.BI. SRL – VIA VECCHIA PER MONZA, 20 - TREZZO S/ADDA (MI), ITALY

2. SAFETY



WARNING!

Operators must carefully read this manual, follow the instructions contained therein and become familiar with the correct use and maintenance procedures of the instrument.

The manufacturer assumes no responsibility for direct or indirect damages, including loss of profits, or for any other damage of a commercial nature that may result from the use of the product that does not comply with what is described in this manual.

- Keep this manual for future reference and as a support for staff training
- Do not overload the instrument beyond its maximum capacity value
- Do not apply loads abruptly
- Do not press the keys using sharp or cutting objects
- Do not attempt to open the instrument
- Do not remove the conformity seals on the instrument
- Do not immerse the instrument in water or other liquids
- Regularly carry out maintenance operations and metric checks

You must report any serious incident that has occurred in relation to the medical device supplied by us to the manufacturer and the competent authority of the Member State where you are located.

3. INTENDED USE

This device is intended to be used to weigh people, in the medical clinic, for general diagnostic purposes.

Personnel destined to use the product: specialized operators and doctors who are aware of all the safety procedures for correct use.

Control and Responsibility: the medical device must be used under the supervision of a qualified doctor or qualified maintenance personnel and periodic checks that are aware of all safety procedures.

Limitations of use: this medical device can only be used as described in this manual

Useful life of the product: 10 years

4. TECHNICAL SPECIFICATION

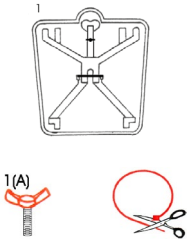
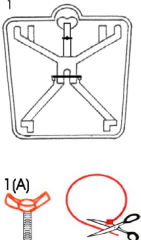
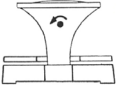
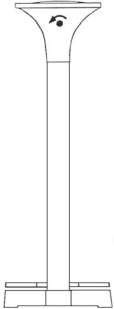
Model	960 150A	R150A column
		
Capacity	150 kg	150kg
Division	1000g	1000g
Manufacturer	Wunder Sa.bi. srl Trezzo S/Adda Milano Italy	
OIML Certification	Class IIII	Class IIII
Unit of measure	Kg	
Operating temperature	from +10°C to +40°C	
Accessories		Height-rod 60-210/225 cm : 1mm / 2~6.6FT

5. INSTRUCTIONS FOR USE

960 150A	R150A column
The instrument is ready for use along with user manual with all instructions for correct use of the instrument.	The instrument is ready for use along with user manual with all instructions for correct use of the instrument. Optional accessories: - Height rod 65-200cm - Wheels for transport

PARTS INDICATION

	
1. Head with analog dial 2. Footboard covered with rubber 3. Base 4. Weight indicator 5. Zero adjusting screw	1. Head with analog dial 2. Footboard covered with rubber 3. Base 4. Weight indicator 5. Zero adjusting screw 6. Column ACCESSORIES (OPTIONAL) 7. Support bracket for height-rod 8. Height-rod 9. Transport wheels kit (only on request)

960A Preparing for use	R150A Preparing for use
1 	1 
1. Overturn the instrument: remove the red clamp and loosen the red wing screw to unlock the lever mechanism	
2 	2 
2. Place the instrument on a flat surface for reliable weight measurement.	
3 	3 
3. Make sure that the weight index (pointer) is at zero. If it is not positioned correctly at zero act manually with the adjustment screw positioned behind the instrument head shown in figure 2	
4. Step on to the base (platform) of the scale and read the weight indicated by the pointer.	

6. TELESCOPIC HEIGHT-ROD ASSEMBLING (OPTIONAL)



Place the stand on the back of the column and secure it with the 2 supplied screws located on the column.



Fig. 1



Fig. 2



Fig. 3

Figure 2 - 3: attach the height-rod to the black ABS support using the screw already inserted into the corresponding hole.

7. USE OF MANUAL MECHANICAL STATIMETER (OPTIONAL)



ATTENTION!

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

Measurements higher than 131 cm		Measurements lower than 130 cm	
1	Raise the rod	1	Lower (close) the paddle and press the central black clamp
2	Position the paddle horizontally (open)	2	While holding down the black clamp, lower the headrest paddle
3	Lower the rod to where the headrest paddle touches the patient's head. The height can be read at point "A"	3	Lower the paddle until it touches the patient's head. The height can be read at point "B"



For both **960 150A / R150A** models the mat is removable to allow better sanitation.

8. CONFORMITY

WUNDER PROFESSIONAL MECHANICAL SCALE MODEL 960 150A / R150A SERIAL N°.....
We hereby certify that this instrument has been inspected and has successfully passed the functional test. It complies with the following standards and directives:
2009/23/CE; EN45501; REGULATION (EU) 2017/745

9. IDENTIFICATION LABELS



The applied metrological plate indicates the year of manufacture (M YY) e.g. M 24 = 2024, M 25 =2025... and so on.

 Wunder Sa.Bi. s.r.l. Headquarters: Via Vecchia per Monza, 20 20056 - Trezzo sull'Adda (MI) - Italy Registered office: Via Monte Grappa, 7 24121 - Bergamo (BG) - Italy REF 960 150 A Max = 150 kg e = d = 1000 g Min = 10 kg +5 °C / +35 °C CE M YY 0474 T12037 rev 0 SN 0000	IN ACCORDANCE WITH REGULATION (EU) 2017/745 CONFORME AL REGOLAMENTO (UE) 2017/745 CE 0425
 2025-01-16 (01)08052570460052 (11)250116 (21)0000 IC: 00011A SN 0000	
 Wunder Sa.Bi. s.r.l. Headquarters: Via Vecchia per Monza, 20 20056 - Trezzo sull'Adda (MI) - Italy Registered office: Via Monte Grappa, 7 24121 - Bergamo (BG) - Italy REF R150A Max = 150 kg e = d = 1000 g Min = 10 kg +5 °C / +35 °C CE M YY 0474 T12037 rev 0 SN 0000	IN ACCORDANCE WITH REGULATION (EU) 2017/745 CONFORME AL REGOLAMENTO (UE) 2017/745 CE 0425
 2025-01-17 (01)08052570460007 (11)250117 (21)0000 IC: 00021A SN 0000	

10. MAINTENANCE AND ASSISTANCE



WARNING!

We recommended to keep the tool under control with correct periodic maintenance.

We recommend having this check done by qualified personnel.

For a better and longer life of the product it is best to periodically perform a thorough general cleaning. The instrument must be cleaned with a soft cloth, moistened with water or neutral detergent, avoiding the use of solvents or abrasive substances. During transport, be careful not to subject the instrument to shocks or excessive mechanical stress. In case of repair or assistance, contact your dealer.

11. SCRAPPING AND WASTE DISPOSAL

In the event of a long-term provision, the instrument must be protected from dust.

When you decide to no longer use this item, we recommend making it unusable.

We also recommend making harmless those parts which could be sources of danger.

12. WARRANTY

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