

Safety Precautions




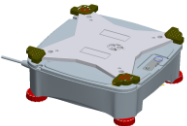




Caution: Read all safety warnings before installing, making connections, or servicing this equipment. Failure to comply with these warnings could result in personal injury and/or property damage. Retain all instructions for future reference.

- Verify that the input voltage range printed on the data label and the plug type matches the local AC power to be used.
- Only connect models supplied with a grounded power cord to a compatible grounded power receptacle.
- Do not position the scale such that it is difficult to disconnect the power cord from the power receptacle.
- Make sure that the power cord does not pose a potential obstacle or tripping hazard.
- This scale is for indoor use only.
- Use the scale in dry locations only.
- Do not drop loads on the pan.
- Use only approved accessories and peripherals.
- Operate the equipment only under ambient conditions specified in these instructions.
- Disconnect the equipment from the power supply when cleaning.
- Do not operate the equipment in hazardous or unstable environments.
- Service should only be performed by authorized personnel.

Installation

Unpacking

Carefully remove your Ranger 7000 scale and each of its components from the package. The included components vary depending on the scale model (see table below). Save the packaging to ensure safe storage and transport.

Included Component		Photo	R71MHD3 R71MHD6	R71MD3 R71MD6	R71MHD15 R71MHD35	R71MD15 R71MD35 R71MD60
Terminal			X	X	X	X
Weighing Base			X	X	X	X
Weighing Platform	200 x 200 mm		X			
Weighing Platform	240 x 240 mm			X		
Weighing Platform	311 x 371 mm				X	X
Wind Shield			X			
Compact Disc	Instruction Manual		X	X	X	X

Installing Components

Refer to the illustrations and instructions below to identify and assemble your Ranger 7000 scale with its components. All components must be assembled before using the scale.

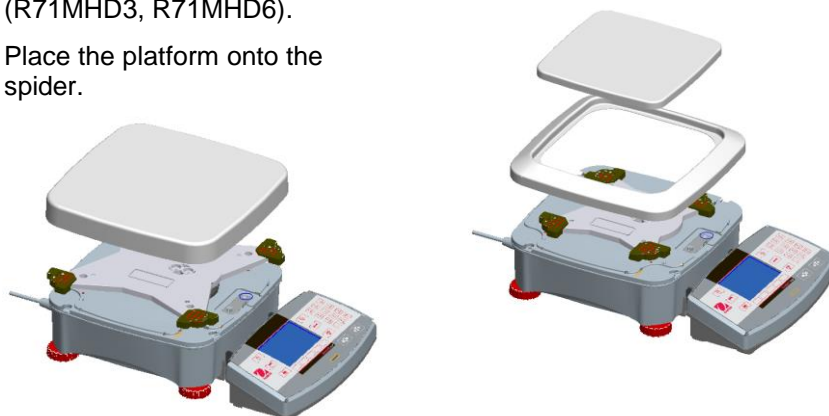
Terminal Setup

When the Ranger 7000 is delivered, the Terminal is already attached (docked) to the Base. No additional setup is necessary. Refer to the illustrations and instructions below to identify and assemble your Ranger 7000 Scale.

Note: The Terminal is identical for all Ranger 7000 Scale models.

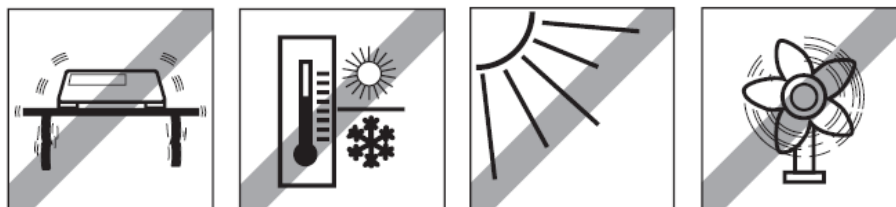
Installing the Wind Ring, Weighing Platform

1. Place the Wind Ring in position (R71MHD3, R71MHD6).
2. Place the platform onto the spider.



Selecting the Location

Avoid excessive vibrations, heat sources, air current, or rapid temperature changes. Allow sufficient space.



Note: Interface cables connect to the terminal. The terminal can be detached and mounted on a wall or positioned on a table separate from the scale.

Connecting Power and Turning ON the Scale



















The Ranger 7000 comes with an AC power cord. Connect the power cord to a suitable grounded electrical outlet and press the ON button on the side of the base (see figure below).



Attention: Allow equipment to warm up for 60 minutes for optimal weighing performance.


Controls



Button	Action	
	Enter/Exit the library menu	
	Switch between available application modes	
	Send the measurement data to available communications ports according to current settings.	
	Display information about Application Mode, Library, User and Menu	
	Enter/Exit the User menu	
	Switch the main weighing unit between the available units	
	 	Short Press: Input '2'-'9' To Enter 'A' press  2 times. For lower case 'Z', press  5 times.
		Short Press: Input '0' Long Press: Go to User Login screen
		Short Press: Input '1' Long Press: Switch platform between scale 1 and scale 2
		Short Press: Clear character/string when editing string If no input is active, clear the current active library When there is no value added, pressing this button will switch the value sign between positive and negative.
		Short Press: Input '.', space, '_' To Enter '_' press  3 times.
	Perform Zero operation	
	Perform Tare operation When entering the value first and then pressing this button the number input will be set to preset Tare value.	

Applications

The scale can be configured to operate in various Application modes, see the Instruction Manual for information on how to activate/deactivate each application mode.

Press  to select an activated application. The current application will be shown in the upper left corner of the home screen.

The Ranger 7000 incorporates the following Applications



Weighing



Counting



Check



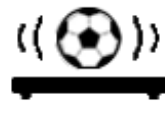
Formulation



Percent Weighing



Filling



Dynamic (Animal)

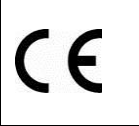



Density Determination



Differential

Note: Before using any application, be sure the scale has been leveled and calibrated.

	<p>This product conforms to the EMC Directive 2004/108/EC, the Low Voltage Directive 2006/95/EC and the Non-automatic Weighing Instruments Directive 2009/23/EC. The complete Declaration of Conformity is available online at europe.ohaus.com/europe/en/home/support/compliance.aspx.</p>
	<p>In conformance with the European Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) this device may not be disposed of in domestic waste. This also applies to countries outside the EU, per their specific requirements.</p>



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