

Art. 932001

**Refrigerant Scale MAXI
100Kg/5g**

User's Manual

rev. 0 dated 03/08/2021



Introduction

Digital refrigerant scale MAXI utilize the most technologically advanced refrigerant meter today and are ideal for HVAC and refrigeration systems. The weight can be measured in standard or metric units. The units have a built in alarm to indicate the measurement has been exceeded.

This manual, supplied with the product, provides important instructions for the correct installation, use and maintenance of the tools.

Reading this manual and complying with the provisions contained therein are necessary conditions for the validity of the warranty and for the correct and safe operation of the system.

It is the responsibility of the customer to keep this manual, to provide adequate instructions to any user for the correct use of the system.

The manual is available for download in its latest update at www.mgftools.com

The manufacturer declines all responsibilities for damage caused by negligence and failure to observe the rules described in this manual.

General Information

PRELIMINARY INSPECTION

Upon receipt of the refrigerant scale MAXI, take it out from the carton and check it is in perfect condition. Also check that the data on the rating plate correspond to the required ones (see section "technical specifications"). Any anomaly must be advised immediately to the supplier specifying the kind of fault. In case of doubt about the safety of the machine, do not use it.

SERVICE

For any form of technical assistance you can contact us in one of the following ways:

telephone: +39 0521/818301

fax: +39 0521/818202

email: assistenza@mgftools.com

We will serve you as soon as possible.

The shipment of material under repair must be previously authorized by means of the RMA form (binding condition for the collection of any goods under repair).

WARRANTY TERMS

The product warranty covers any manufacturing defect for a period of time equal to one (1) year from the date of manufacture for products purchased with invoice, 2 years for products purchased by private individuals.

The following clauses expressly exclude the product from guarantee:

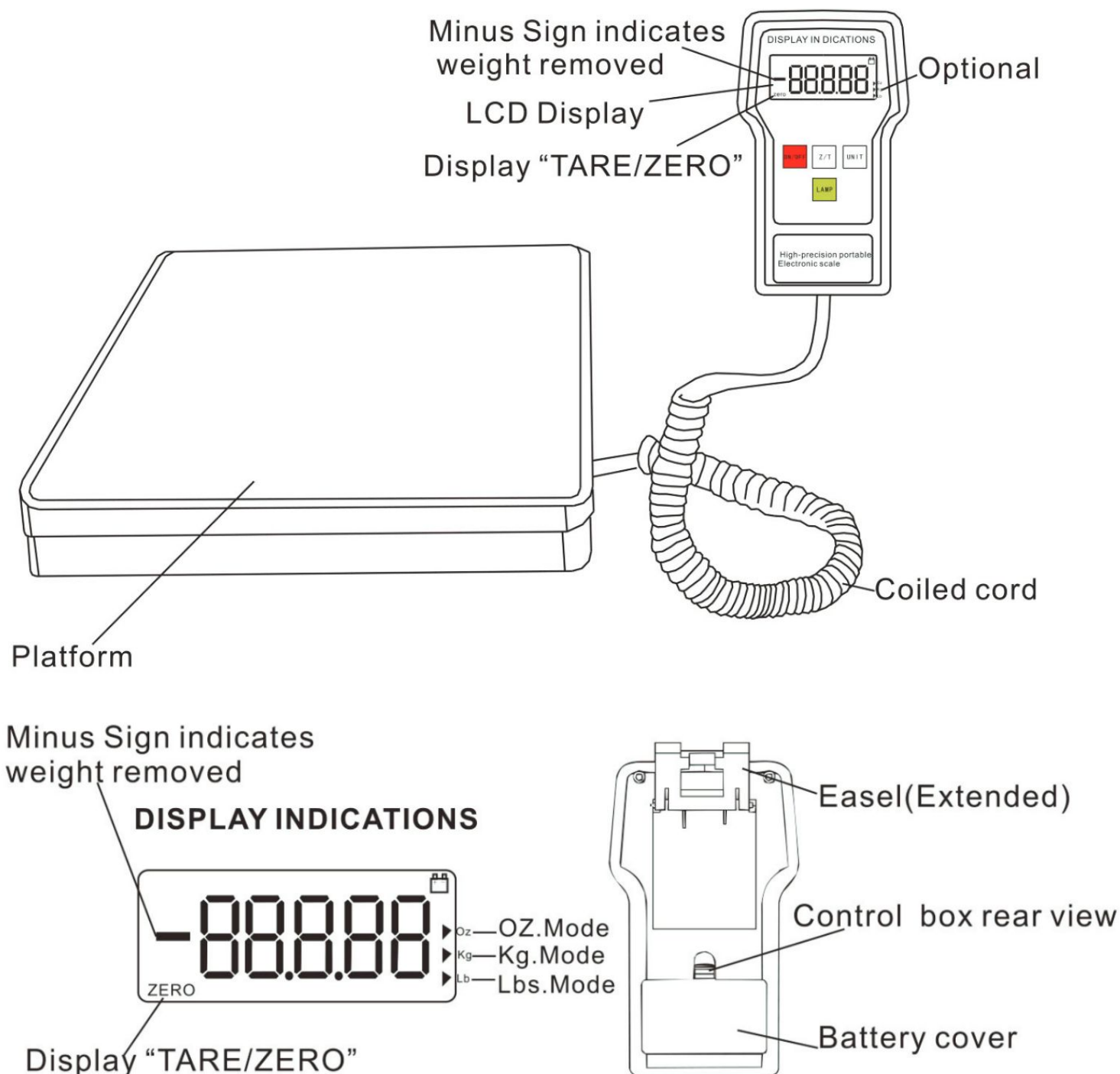
- Consumables such as batteries, ..., to the extent that the malfunction is caused by normal wear and tear of the parts.
- Malfunctions caused by use not in accordance with the instructions provided
- Poor maintenance
- Tampering with or modifying the machine

The company excludes from its responsibility any indirect damage, damage caused to people and things from defects and downtime, incorrect use, lack of maintenance.

Features

1. High-visibility LCD display.
2. Three units of measure options (kg/oz/lbs)
3. Backlight for the display.
4. Automatic Shut-off after 10 minutes of non-use; backlight will shut off after 3 minutes of non-use or use.
5. Compact, portable, battery operated design.
6. "FULL" display when the weight exceeds the specified range.

Unit Diagram



Set Up

1. Place the unit on a firm and level surface. The platform and control box can be used in the case or they can be used outside of the case.
2. Remove the battery cover from the rear of the box by compressing the tab at the base of the battery cover.
3. Insert 9V battery. Replace the battery cover by aligning tabs and snap back into place.
4. Turn the unit power on by pressing the "ON/OFF" button.
5. Select the unit of measure by pressing the "UNIT" button. (Kg/Lbs/Oz)
6. Press the "LAMP" button to activate the backlight.

Press the "LAMP" button again to deactivate the backlight.

NOTE: To prevent damage to the scale do not leave dead batteries in the control box. Remove the batteries if the unit will not be used for an extended period of time.

CAUTION: If the platform is used in the case, make certain that nothing touches the case, controls and platform or false readings may occur.



Keypad



ON/OFF: Press to power on. Press to power off.



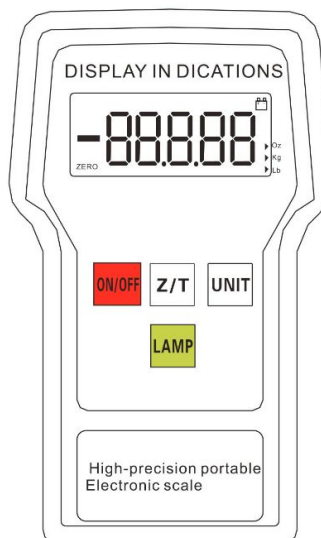
UNIT: select unit of measure: LBS/KG/OZ



ZERO: zero display



LAMP: Backlight



Technical Specifications

Capacity	220 lbs / 100 Kg
Resolution	±0.2 oz / 0.01 lbs / 5g
Operating temperature range	32°F to 122°F / 0°C ~ 50°C
Storage temperature range	+4°F to 158°F / -20°C ~ 70°C
Accuracy	±0,5% of reading
Platform size	23 x 23 cm
Total unit weight	3,3 Kg

NOTE: To prevent damage, never exceed the rated capacity of the unit.

Operation

1. Set up the unit as described in steps 1-5 under the Set Up heading.
2. Press the "Z/T" button to clear the unit. Ensure to start the unit at 0.
3. Place the cylinder in the center of the platform.
4. Start the charging or recovery operation by opening the cylinder and manifolds and gauge set valves.
5. When operation is completed close the cylinder and manifolds and gauge set valves.

NOTE: The unit have an Over Range Indicator which displays "FULL" when the weight of the cylinder exceeds the maximum capacity of the unit. To prevent damage to the unit, immediately remove the cylinder from the platform if the display states "FULL".

6. Remove the cylinder from the platform and press the button to deactivate the unit.

Weight Measurements

1. Turn the unit on by pressing the "ON/OFF" button.
2. Press the "UNIT" button to choose the type of unit of measure. (KG/LBS/OZ)
3. Press the "Z/T" button to zero out the display.
4. Place the weighing object in the center of the platform and the gross weight will display.
5. Remove weighing object from scale and press "ON/OFF" button to turn off the unit.

Maintenance

1. Immediately remove the weighing object from the platform if the display states "FULL". This is the over range indicator which means the weight has exceeded the maximum capacity of the platform.
2. Replace the battery of the unit if the battery indicator flashes in the top right hand corner of the control box.

Storage

- When not in use, store the scale in a cool place. To protect against dirt and dust, use the original packaging
- Follow the maintenance instructions

Waste Disposal

- Recycling and separate collection are the responsibility of the user.
- If you do not know where to do this, contact the municipal office in charge or the garbage collection service

Declaration of Conformity

MGF srl - Via Chico Mendes, 8 - 43058 Sorbolo Mezzani (PR) - Italy declares under its own responsibility that the Refrigerant Scale MAXI Art. 932001 is in conformity with the following standards or standardized documents:

Safety Standards

- EN 61326-1:2013

Related to CE Directive(s):

- 2014/30/EU (Electromagnetic Compatibility)

Eng. Francesco Maioli

MGF srl

