

LMC-100A+/LMC-100F+ Electronic Refrigerant Scale User Manual



Introduction

Thank you for purchasing Elitech LMC-100A+/LMC-100F+ refrigerant scale. Please read the instructions carefully before using and keep the instructions for reference.

I. Precautions

- Before using the scale, check whether it is damaged or abnormal. Please don't use it if any abnormality occurs, such as damage of the case or rubber mat on the scale pan, no display in the LCD, etc.
- Do not weigh objects over range. Please check whether the object to be weighed is within the range of the electronic scale.
- Please place the scale on a flat and hard surface.
- Do not use or place the scale in humid, high-temperature, flammable and explosive environment and strong electromagnetic field.
- Please do not change its internal circuit casually to avoid the damage of the scale.
- Please do not pull hard the helical line to avoid the damage of circuit and sensor.

II. Operation Instruction

- Operation environment
 - Place the scale on a flat surface.
 - Operation temperature range: -10°C~40°C/14°F~104°F
 - Temperature fluctuation range: 5°C/h
 - Relative humidity: 50-85%
 - Accuracy:
 - LMC-100A+: $\pm 0.05\% \text{rdg} + 10\text{g}$
 - LMC-100F+: $\pm 0.05\% \text{rdg} + 5\text{g}$
 - Resolution:
 - LMC-100A+: 5g/0.1oz
 - LMC-100F+: 2g/0.1oz
- Power on the scale
 - Press the key **"POWER"**, the LCD displays "0000 - 9999" circularly, indicating the scale enters the mode of weighing.
- Weighing

Place the object directly on the scale Platform and read the data directly.

The scale can weigh 100kg (LMC-100A+) and 50kg (LMC-100F+) at maximum.
- Other functions
 - Switch unit: Press key **"UNIT"** to switch the unit between kg, g and lb, oz.
 - The scale will power off when there is no change for the weight on the Platform for more than 10 minutes.
 - The symbol (-) lights to indicate negative weight.
 - Battery symbol (on top right corner) lights to indicate the internal battery is in low voltage. (Note: Main board power supply voltage is 9V. Minimum low voltage is 6V.)
- Key operation

Z/T: Press Z/T button to zero it. It supports full weighing zeroing.

LAMP: Press LAMP button to turn on/off the backlight. Backlight is automatically turned off in 10s.

Press and hold LAMP button for 3s to keep the backlight always on.

"UNIT": used to switch the weight unit.

"POWER": Turn on/off the scale. Press and hold the button for 1s to turn off the scale.

III. Maintenance

- Clear the surface of the scale by web cloth with a little detergent. It is forbidden to wipe the scale body and rubber mats with chemical solvent.
- If any abnormality is found when using the scale, please stop using it and get it repaired.
- Please send it to professionals or designated repairing places for send to professionals for calibration and repairing.
- Power off the scale when finishing measurement. Please take out the battery if the scale will not be used for a long time.
- Do not place the scale in humid, high-temperature environment and strong electromagnetic field.

IV. Specifications

Model	LMC-100A+	LMC-100F+
Max capacity	100kg / 220lb	50kg / 110lb
Resolution	5g/0.1oz	2g/0.1oz
Accuracy	$\pm 0.05\% \text{rdg} + 10\text{g}$	$\pm 0.05\% \text{rdg} + 5\text{g}$
Power supply	6LR61 9V	
Operating temperature	-10°C~-40°C/14°F~104°F	
Storage temperature	-15°C~50°C/5°F~122°F	
Overall size	227x227x70 mm/8.9x2.8x2.8 inch	

V. Packing list

Electronic scale	X1	Packing case	X1
User manual	X1	Packing box	X1
Battery	X1		

Notes: The battery is not rechargeable. Battery Type: 6LR61 9V.

