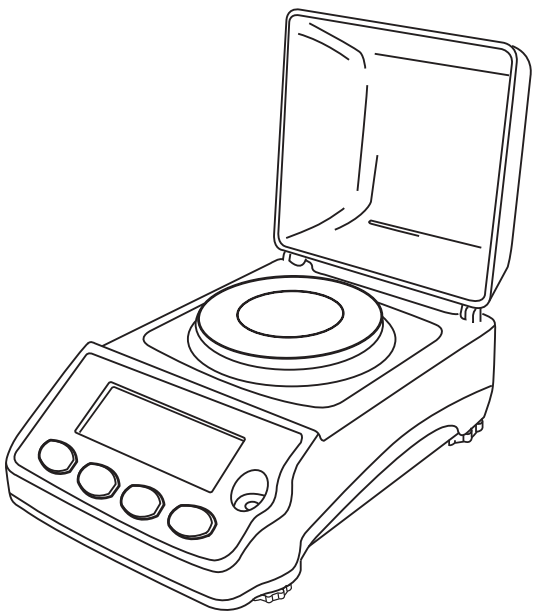
MyWeigh®

GEMPRO®-300
PRECISION



USER MANUAL

GEMPRO®-300
PRECISION

MyWeigh

ENGLISH

USER MANUAL

Thank you for purchasing the My Weigh® Gempro® digital scale. Please read all operating instructions carefully before use. This electronic scale is a precision instrument. With normal care and proper treatment, it will provide years of reliable service. For more information please visit **www.myweigh.com.**

Never load the scale with more than the maximum capacity. Although the Gempro® is designed to be extremely durable with extra overload protection built into the case, overloading will permanently damage it! Avoid any exposure to extreme heat or cold, your scale works better when operated at normal room temperature. Keep your scale in a clean environment. Dust, dirt, moisture, vibration, air currents and/or a close proximity to other electronic equipment can all cause an adverse effect on the reliability and accuracy of your scale. Handle with care. Gently apply all items to be weighed onto tray top and remove them quickly after reading. Avoid shaking, dropping or otherwise shocking the scale. Scales are delicate instruments and unlike cellular phones, scales have delicate sensors that determine how much an item weighs. If you drop or shock your scale, these sensors "feel" the shock and are sometimes destroyed. This happens with all digital scales. We design our scales to be as resistant to shock or drops as possible, however there is no way for us to protect 100% against load cell or sensor damage. Failure to follow these instructions will void your warranty.

Always allow the scale to acclimate to normal room temperature for at least one hour before use. Give your scale sufficient warm up time. Usually 30-60 seconds before calibration to give the internal components a chance to stabilize.

POWER SUPPLY

AC Adapter

The scale can be powered by an adaptor- output is DC 9V 300mA. Please only use the correct AC adaptor for this scale – an incorrect AC adaptor can cause damage to the scale and possible fire or injury. Use of an incorrect AC adaptor will also void your warranty.

Batteries

Low Batteries & bad battery connections are the #1 cause of scale malfunction and inaccuracy! We test all of our scale returns from consumers. 60% of consumer returns are battery related problems. This sounds silly but it's true! A scale will perform slowly, or read inaccurately when it has low batteries. Please replace the batteries often (and only use good quality batteries). We include good quality batteries with all of our scales but batteries can run low in storage. If your scale simply won't turn on while on battery power, this is often caused by loose battery connections. Battery prongs (terminals) are made of metal. They must be making good contact with your batteries in order for the scale to power on. Also some poorly designed batteries have recessed or partially obstructed battery terminals. This may cause your prongs to be touching the plastic housing of the battery instead of the metal battery terminal.

Battery installation

a) Press and lift open the battery cover located at the bottom of the unit.
b) Insert the batteries and make sure the polarity is correct (+) and (-).
c) Close the battery cover until it clicks shut.
Note : If the battery symbol appears in the display, it means low battery power. It is time to replace the battery.

OPERATING INSTRUCTIONS

Weighing Procedures

1. Place the scale on a flat hard surface.
2. Press and release the **[On/Off]** key.
3. Wait until the displays shows "0.000".
4. Press **[UNITS]** to select a weighing unit g, oz, dwt, ozt, ct, gn.
5. Gently place the items to be weighed on the tray and close the wind cover.
6. The weight will be displayed on the LCD.

Tare

Tare can be used for eliminating the weight value of an empty container. Place an empty container on the scale and press **[TARE]**. Then place the items to be weighed in the container. NOTE: When all weight is removed from the weighing tray, the tared value of a container will be displayed as a negative number. Press **[TARE]** again to return the scale to zero.

CALIBRATION

Calibration may be required when the scale is first set up for use, or if the scale is moved to a different altitude or new location. This is necessary because the weight of a mass in one location is not necessarily the same in another location. Also, with time and use, mechanical deviations can occur.

How to calibrate : **you must have an accurate 50g weight or combination of weights in order to calibrate**

1. Remove all objects from the platform. The scale must be powered OFF.
2. Press **[On/Off]** and wait for the scale to power on, when the display shows "-----" press **[Units]**. The display will show "CAL" and then the AD value (a series of random numbers).
3. Press **[Units]** again and the display will show the correct calibration weight (50g). Place the calibration weight on the platform and wait 5 seconds. Calibration is complete when the display shows "-----" and then the AD value.
4. Remove the weight and turn the scale OFF and ON to return to normal weighing mode.

FEATURES

Power Up Segment Test

When first turning the unit on, all segments of the display will appear. This display will then go through a starting count-down.

Stable Reading Indication

This is a very precise scale - the display may seem to wander or jump when weighing. This is due to air currents or vibrations. Stable weighing is achieved when the display remains fixed for 3 seconds.

Overload

When an applied load exceeds the capacity. "Err- 0" will appear on the display. Remove excessive load immediately. The unit may return to normal operation. Remember: You can permanently damage the scale and void your warranty by overloading it!

Negative Value

Any tared value will be displayed as a negative number once all weight is removed, press **[TARE]** or **[ZERO]** to re-zero the scale.

Auto-off

An auto shut off feature is provided to conserve battery power. The unit will automatically turn off after 3 minutes of inactivity.

To Enable or Disable the Auto-off

1. The scale must be powered OFF. Press **[ON/OFF]** and wait for the scale to power on, when the display shows "------" press **[ZERO]**.The display will show A-ON =Auto-0ff enabled / A-OFF=Auto-Off disabled.
2. To toggle the setting ON or OFF press **[ZERO]**.
3. To confirm the setting and return to weighing mode turn the scale off and on again.

Wind cover
The protective wind cover of the Gempro® is designed to protect the tray and the items placed on it from air currents, thus greatly improving the accuracy of the readings.

Leveling system
The balance must be in an exact horizontal position in order to achieve accurate measurement results. In order to bring the balance into a horizontal position, the adjustable feet are turned either clockwise or counter-clockwise until the air bubble is in the center of the marked circle.

SPECIFICATIONS

Capacity & Precision	60g x 0.001g / 300ct x 0.005ct
Units	g, oz, dwt, ozt, ct, gn
Auto-OFF	3 minutes
Scale dimension	155mm x 105mm x 80mm
Tray dimension	Ø 70mm
Scale weight	375g
Operating temperature	Optimum 10-30°C (50-86°f)
Power Source	6 x AAA batteries or DC-9V / 300mA Adapter

DISPLAY SYMBOLS

- →0← Scale is in ZERO mode.
- Scale is in TARE mode.
- Batteries need replacing
- The display reading is STABLE.

STAINLESS STEEL TRAY · BACKLIT · AC INCLUDED · CE · AUTO OFF ENERGY SAVING · ADVANCED DIGITAL ADWT WEIGHING TECHNOLOGY · 5 FIVE YEAR WARRANTY

www.myweigh.com