



PLATINUM  
XP500

PREMIUM CLASS POCKET SCALE

Manual & Operation Guide

**GemOro**  
◆ SUPERIOR INSTRUMENTS

Congratulations on purchasing the PLATINUM XP500 precision, high capacity pocket sized digital scale!  
Please read all instructions carefully prior to operating.

## **Features**

- 500g x 0.01g, dwt, ozt, ct, gn and oz
- Bright blue backlit LCD display
- Push button digital calibration, tare, memory, low battery indicator and battery saving auto-off functions
- Convenient 4-button control panel
- Powered by (2) included long-life AAA alkaline batteries
- Includes both an extra large and low profile protective cover that also serves as a tray for holding jewelry, findings and more
- Black EZ-grip rubberized paint finish
- 5 Year limited replacement warranty

## **Definitions**

- LO - Indicates LOW BATTERIES.
- O-Ld - Indicates the scales weighing capacity of 500g has been exceeded. To proceed while avoiding possible damage to the scale, remove the excessive load immediately.
- UnSt - Indicates the scale has been placed on an unstable surface. To proceed, move the scale to a surface and environment which is stable, and free from vibration, air currents, etc.

- OutZ - Indicates the scale must be recalibrated.
- CAL - Indicates the calibration mode has been entered. To stop this process press POWER.
- PASS - Indicates you have completed the calibration process and calibrated the scale successfully.
- FAIL - Indicates the calibration process has been unsuccessful. Move the scale to a flat surface and stable environment and repeat the calibration process once again or until you are successful.

## **Specifications**

Weighing Modes: g, oz, ozt, dwt, ct, gn The scale will default to the weighing unit of measure displayed when used last.

Capacity & Readability: 500g x 0.01g

Auto-Off: The scale will automatically turn itself off in 60 seconds of non-use.

Optimal Operating Temperature: 50-86°F.

## **Operation Environment & Warnings**

For optimal accuracy always operate the scale in the 50-86°F temperature range. Place the scale on a flat, stable surface that is free from vibration, and air currents. Always avoid excessive weight being applied to the weighing platform and be certain to never drop, shake, pull upward or bang the weighing platform as this may permanently damage the internal weighing sensor and void the warranty.

## Operation

1. Press the POWER button, and wait until 0.00g (if in gram mode) is displayed. If the scale turns on with anything other than 0.00g, simply press the tare (T) button to return to 0.00g. Press the MODE (M) button to change the weighing modes.
2. Place the item to be weighed on the weighing platform.
3. For TARE WEIGHING or to use a tray or bowl to hold the items being weighed, please do the following: With the display reading 0.00g (if in the gram mode), place the tray or bowl on the weighing platform and then press the TARE (T) button and the display will return to 0.00g while maintaining the subtracted weight of the tray or bowl in its memory. Place the items to be weighed in the tray or bowl and the actual weight of the items will then be displayed.
4. Press the TARE (T) button to reverse this tare weighing function and it will remove the weight of the tray or bowl from its memory.
5. LO indicates LOW BATTERIES. If this is indicated, replace the batteries.

## Calibration Procedure

To insure the accuracy of the scale, please follow the steps below:

1. With the scale in the OFF mode, press the POWER button. Wait for the scale to stabilize before proceeding.
2. After the scale has stabilized, hold down the MODE (M)

button for about 3 seconds until CAL displays.

3. Press the CAL button again. The scale should flash “CAL” a few times and then start flashing 500g on the display.
4. Place a 500g calibration weight on the platform while being certain the scale is stable and until the display reads PASS. Calibration is complete. Please contact your scale supplier to order a 500g calibration weight. Note that 20 US nickels weighs 100g, so in case emergency calibration is required, the scale may be calibrated with 100 nickels.

## **PCS (Parts Pieces Counting) Function**

To count a quantity of the same item, it is first necessary to determine the average weight of the items being counted. The larger the sample size of the item to be counted, the more accurate the count will be. This feature may be used for items weighing a minimum of 1 gram each.

1. Turn the scale ON.
2. Press the MODE (M) button to the g or gram mode.  
(Please note before proceeding: The scale has sample sizes of 25, 50, 75 and 100. If you choose to use a sample size of 25 pieces, those 25 pieces must weigh a total of at least 25g; a sample size of 50 pieces must weigh a total of at least 50g, etc.)
3. Place your sample size on the scale platform.
4. Press the PCS button and hold it down until the sample size of 50 (or your last pcs mode) is displayed. If your sample size is 25, 75 or 100 pieces, press the MODE (M)

- button to switch to your sample size number.
5. After your sample size number is displayed, press the PCS button again. The “PCS” mode will now be displayed on your screen. Your counting function is now set for the item you sampled.
  6. To switch back to scale mode, simply push the MODE (M) button. While the scale is on, you may switch back and forth from weighing mode and PCS simply by pressing the MODE (M) or PCS button respectively to the setting you currently wish to have displayed.

## **Warranty**

This durable scale is warranted to perform to the manufacturers stated specifications as noted above and if the above referenced care is provided, for a period not to exceed five years from the original date of purchase, as confirmed by a copy of the original sales receipt which must be sent in with the scale, providing the purchaser first follows the warranty registration procedure. In the event of the scale becoming defective within the stated warranty period and it is determined by the factory that no user abuse was the cause of the defect, the scale may be repaired or replaced at the factory's sole discretion. No other written or implied warranty shall apply. In the unlikely event of a scale defect and providing the warranty registration procedure has been followed; please return the defective scale to your scale supplier or to the address below along with a copy of your

original sales receipt for warranty service. In the event the XP500 scale is no longer available or has been discontinued and warranty coverage is applicable, at the factory's sole discretion, an equivalent cleaner may be substituted in place of the defective XP500 scale. The purchaser shall incur the cost for postage, insurance and handling for all warranty and non-warranty repairs and/or replacements. Warranty repairs and/or replacements will be shipped FOB Destination to the location of the customer's choosing if located within the Continental United States (U.S.). Should the customer require the repair and/or replacement unit(s) to be shipped outside the Continental U.S., the customer will be required to pay any related shipping charges and any related taxes/duties for the respective destination country.

No contaminated scale will be accepted and if received in this condition it will automatically be destroyed with no recourse while the warranty replacement will be revoked. This scale is not intended for illegal use.

**Note:** Please fill out the Warranty Registration form on our website: [www.gemoroproducts.com/warrantyregistration](http://www.gemoroproducts.com/warrantyregistration)

# **GemOro**

10455 Olympic Drive

Dallas, Texas 75220 USA

Tel 800.527.0719 or 214.351.0380

Fax 800.832.9871 or 214.351.1903

[www.gemoroproducts.com](http://www.gemoroproducts.com)

Email: [gemoroservice@sykessler.com](mailto:gemoroservice@sykessler.com)