

PLATINUM PRO501VXP

DIGITAL COUNTERTOP / PORTABLE BALANCE



Congratulations on your purchase of the Professional Series model Platinum PRO501VXP precision countertop/portable balance by GemOro Superior Instruments, the most trusted name in precision weighing for the jewelry industry! Your new GemOro Platinum PRO501VXP is a very durable, attractively designed and full featured professional precision precious metals scale that is ideal for the retail jeweler, findings dealer, traveling gold wholesaler or pawnbroker and at a value that is unsurpassed. The Platinum PRO501VXP weighs in g, oz, ozt, dwt, gn, ct and features a bright blue backlit LCD display, round stainless steel weighing platform, contemporary design with a durable, long-life ABS body. It also features pushbutton digital calibration, tare, parts counting (PCS), and memory; overload protection, low battery indication and battery saving auto-off functions. The Platinum PRO501VXP is powered by (4) supplied AA alkaline batteries or its included universal voltage 6VDC 100V-240V AC adaptor. Please read all instructions prior to operating.

INSTRUCTIONS FOR USE

Before using the PRO501VXP, locate the leveling bubble (positioned at the middle right side of the scale); adjust the feet as needed by unscrewing in order to make the scale level. The scale is now ready to be turned on and used.

CONTROL PANEL 5 BUTTON ID & EXPLANATION

1. **POWER** - Push this button once to turn the scale on. The scale display will initially show “999999” and begin a countdown boot-sequence to initialize the scale. While in the gram mode, the blue backlit display will then show 0.0g after it stabilizes. The scale will automatically display the last unit of measure (g, oz, ozt, dwt, gn, ct) that was programmed into the scales memory.
2. **TARE** - Push this button once to bring the scales display back to 0.0g while in the gram mode (this feature may be used in any mode). When using a weighing tray or other type of scoop or container, simply place the tray, etc. on the weighing platform and then push the TARE (zero) button once to automatically subtract the weight of whatever was on the weighing platform while

maintaining the subtracted weight in its memory. The display will then show 0.0g. If you then take the tray off of the weighing platform, from its memory the display will show a negative weight equal to the weight of the tray or whatever was on the weighing platform. After placing the tray back on the weighing platform, you may then place the item that you wish to weigh directly into the tray and weigh it independently. When you no longer wish to use the tray, you may press the TARE button once again to bring the display back to 0.0g or press the POWER button once to turn the scale off since both of these steps will subtract the weight from its memory.

3. CAL – Push this button to initiate the scale’s calibration process. To calibrate the scale, please refer to the CALIBRATION PROCEDURE section noted below.
4. PCS – Push this button to initiate the scale’s parts counting PCS feature. Please refer to the COUNTING FEATURE (PCS) section noted below.
5. MODE - Push this button to scroll through the scale’s weighing modes. Simply press the button once to scroll though each weighing mode until you find the desired unit of measure.

SPECIFICATIONS

Capacity & Readability: 500g x 0.01g

Units of Measure: g, oz, ozt, dwt, gn, ct & parts counting (PCS)

Calibration: Auto Digital Keypad Calibration (ADKC)

Overload Indication: [O-Ld]

Auto Shut-Off: 2 Minutes - No activity

Low Voltage Indication: [Lo]

Optimum Operating Temperature: 10°-30°C or 50°-86°F

Power Requirements: 4 - AA Alkaline batteries (included) or included universal voltage 6VDC 100V-240V AC adaptor

Calibration: Included (2) 200g calibration weights

Not Legal for Trade

POWER INSTALLATION

AC Adaptor Operation

- **CAUTION:** Use only the UL Listed GemOro 6V AC adaptor Item #9746. This universal adaptor is designed to specifically work with the PRO501VXP balance. The unique feature of the PRO501VXP adaptor is that it allows the adaptor to automatically sense as well as adjust to the various voltage requirements allowing for use worldwide from the

USA to Europe and beyond! Use of another type of adaptor may permanently damage the scale, cause a fire and void the warranty.

- Insert the female plug from the AC adaptor into the scales male receptacle located on the right of the scale and then plug the AC adaptors prongs into the desired electrical wall outlet.

Battery Operation

- When removing the battery cover, be certain not to apply excessive force or pressure onto the weighing platform or damage may occur to the scales load cell and void the warranty. To install new batteries, remove the battery cover on the bottom of the scale with caution as indicated above and place the 4 – AA alkaline batteries into the compartment as indicated.
- Insert the battery cover back onto the battery compartment when finished.

CALIBRATION PROCEDURE (Two-Point Calibration)

Once calibrated, the PRO501VXP should maintain its calibration unless moved, bumped or the weighing environment has changed. For best results, it is advisable to check the calibration at regular intervals by placing a known mass (weight) or the supplied

(2) 200g calibration weights on the scale's weighing platform. If calibration is required, please carefully follow these steps:

CAUTION: Never attempt to calibrate the PRO501VXP unless you first have the required (2) 200g calibration weights with the scale.

1. Press the POWER button to turn the PRO501VXP on. Allow the scale to warm up and stabilize for approximately two minutes before commencing with the calibration procedure.
2. Remove all items from the weighing platform and press the tare button to zero the display.
3. After observing a stable 0.0g while in the (g) gram mode, press the CAL button and "CAL" will appear on the display.
4. Press the CAL button again. "CAL" will begin flashing and then after a few seconds "200.0g" will begin flashing on the display.
5. Gently place a single 200g calibration weight on the center of the stainless steel weighing platform. Wait approximately 4 seconds as the unit performs internal calibration. **IMPORTANT-** Do not disturb the PRO501VXP during this time as it may impact the accuracy of the calibration.

6. After initial calibration, the display will then read “400.0g”. Gently place the second 200g calibration weight onto the stainless steel weighing platform.
6. The display will then show “PASS” which indicates that the calibration procedure has been successful. If “Err” appears on the display instead of “PASS”, this indicates that an error has occurred in the calibration procedure and the calibration procedure should be repeated.

PARTS COUNTING (PCS) FEATURE

The parts counting (PCS) feature within your scale can be really handy if you are in need of counting a large number of small items (example: findings, silver beads, gold chains, etc.) very quickly and accurately. By weighing a minimum sample of 25 pieces (the larger the sample used the greater the accuracy of the per piece count) the scale will determine the average weight of each piece and use that as its reference. Once the reference sample weight has been determined, you may place an unknown quantity of the item on the scale and it will automatically count the exact number of pieces.

1. To set your PRO501VXP to the parts counting mode, once the scale has been turned on and it has stabilized, place the desired quantity of items you wish to count onto the weighing platform (25, 50, 75 or 100 pcs).
2. Press and hold the PCS button for 2 to 3 seconds. The screen will begin to flash a quantity (25, 50, 75 or 100). To select a specific quantity, press the MODE button and continue to press the button repeatedly while scrolling through the various units of measure until the display reads your desired parts quantity.
3. Press the PCS button once more as soon as the desired quantity is found. The display will then read “pcs” in the upper left hand corner of the display to indicate that the PCS function is enabled.
4. You may switch between your PCS mode and regular weighing by pressing the “MODE” button. Your scale will continue to retain the last “PCS” setting made until you go through the above process again.
5. In many cases (when counting very small or round parts, etc.) it is more practical to use a weighing tray (scoop or container) to hold the parts you

wish to count and the PRO501VXP can easily accommodate this. Once the scale is on and it has stabilized, place the desired tray on the weighing platform and press the TARE button to zero the weight of the tray from its display. Then press the PCS button as usual per the above instruction and the scale will then begin its counting function while using the tray as needed.

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 two (2) years from the original date of purchase, 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. 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 from its owner, 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 to be eligible for warranty coverage:
www.gemoroproducts.com/warrantyregistration

GemOro

GemOro Platinum Scales

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

Email: gemoroservice@sykessler.com