

PLATINUM PRO1601

PROFESSIONAL SERIES

DIGITAL COUNTERTOP / PORTABLE BALANCE



Congratulations on your purchase of the Professional Series model Platinum PRO1601 precision countertop/portable balance by GemOro Superior Instruments, the most trusted name in precision weighing for the jewelry industry! Your new GemOro Platinum PRO1601 is a very durable, attractively designed and full featured professional precision precious metals scale that is ideal for the retail jeweler, traveling gold wholesaler, gold scrap buyer or pawnbroker and at a value that is unsurpassed.

The Platinum PRO1601 weighs in g, dwt, ozt, oz, lb and features a bright blue extra large backlit LCD display. It has a large rectangular shaped stainless steel weighing platform, a contemporary design with a durable, long-life ABS body. It also features pushbutton digital calibration, tare, and parts counting PCS, memory, overload protection, low battery indication and battery saving auto-off functions. The Platinum PRO1601 is powered by (6) supplied AA batteries or its included auto-adjustable, universal voltage 100v-240v AC adaptor. Please read all instructions prior to operating.

INSTRUCTIONS FOR USE

Before using the PRO1601, to activate the installed AA batteries, remove the plastic tab that serves as the battery insulator power discharge protector located on the battery terminal inside of the battery compartment. There is a protective plastic dust/spill cover on the scale that may be taken off if desired. Locate the leveling bubble indicator on the rear section of the scale and then adjust the feet as needed by unscrewing in order to make the scale level. The scale should be placed on a flat and stable table or counter where it won't be influenced by vibrations, air currents from fans or air conditioners etc., extreme heat or strong electromagnetic fields. The scales power switch is positioned on the right side of the scale. The scale is now ready to be turned on. When the scale is turned on, with no load on the weighing platform, the display will read "999999" ~ "000000". When "0.0g" is displayed, weighing may be performed. If the numbers on the display are not stable after turning the scale on, check to make certain the stainless steel weighing platform is properly positioned on top of the scale and also be certain that the environment is not the cause of the instability.

CONTROL PANEL 4 BUTTON ID & EXPLANATION

1. LIGHT - Push this button to turn on or off the scales bright blue backlight LCD display. Please note that if operating the scale with its alkaline batteries, to conserve the battery life, it is recommended to turn off the backlight.
2. MODE - To change the scales unit of measure, simply push the MODE button repeatedly to change from g, dwt, ozt, oz, and lb.
3. PCS - Push this button to activate the scales parts (pieces) counting function.
4. TARE - Also referred to as the ZERO button, push the TARE 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 to hold what you are weighing, simply place the tray, etc. on the weighing platform and then push the TARE 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.

SPECIFICATIONS

Capacity & Readability: 1600g x 0.1g

Units of Measure: g, dwt, ozt, oz, lb &

PCS Parts Counting:

Calibration: Auto Digital Keypad Calibration (ADKC)

Required Calibration Weight: 1000g

Overload Indication: (HHHHHH)

Auto Shut-Off: 5 Minutes – No activity

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

Not legal for trade.

POWER INSTALLATION

AC Adaptor Operation

- CAUTION: Use only the supplied UL Listed AC adaptor. This universal adaptor is specifically

designed to work with the PRO1601 balance. The unique feature of the PRO1601 adaptor is that it automatically senses as well as adjusts 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 plug from the AC adaptor into the scales AC receptacle located in the rear of the scale and then plug the AC adaptors prongs into a convenient electrical wall outlet.

Battery Operation

- When removing the battery cover on the bottom of the scale by unscrewing the two screws, 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 activate the installed batteries, remove the plastic tab which serves as the battery insulator power discharge protector located on the battery terminal inside of the battery compartment and then replace the battery compartment cover. To install new batteries, remove the battery cover on the bottom of the scale with caution as indicated above and place the 6 AA

- batteries into the compartment as indicated.
- Insert the battery cover back onto the battery compartment when finished and replace the screws.

CALIBRATION PROCEDURE

Once calibrated, the PRO1601 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 or the supplied 1000g calibration weight on the weighing platform. If calibration is required, please carefully follow these steps:

CAUTION: Never attempt to calibrate the PRO1601 unless you first have the required 1000g calibration weight in-hand.

1. With the scale turned on, remove all objects from the weighing platform.
2. Press the TARE button to return the scale to 0.0g.
3. Press the LIGHT button and hold it down for 3 seconds. The display will then read F0.
4. Press the UNIT button. The display will then read LoAd and then 1000g.

5. Gently place the 1000g calibration weight in the center of the weighing platform and once it stabilizes after approximately 5 seconds the scale will display 1000.0g and a beep tone will indicate the calibration process was completed. Remove the calibration weight.
6. If CALF is displayed while the weight is still on the scale, remove the calibration weight and press TARE. Repeat steps 1-5.

COUNTING FEATURE PCS

The parts counting feature within your scale can be really handy if you are in need of counting a large number of small items (example: silver beads, findings, gold chains, etc.) very quickly and accurately. By weighing a sample of perhaps 5 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 when counting. 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. Place the sample of 10, 20, 50 or 100 pieces to be counted on the weighing platform. The scales display will then show the weight of the sample.
2. Press the PCS button repeatedly to scroll through the various sample counts until the display matches the number of pieces in your sample. The scale is now in the counting mode.
3. Place the additional items to be counted on the weighing platform and the display will show the accurate piece count. In other words, at this stage if the sample size was 10, if you added 5 more of the parts onto the weighing platform, the display would then read 15.
4. In many cases when counting small or round items, it is more practical to use a scoop (tray or container) to hold the items you wish to count and the PRO1601 can easily accommodate this. Once the scale is on and stabilized, place the desired scoop on the weighing platform and press the TARE button to zero or subtract the weight of the scoop from its display. Then follow steps 1-3 above.
5. When finished counting, press the PCS button repeatedly until the scale scrolls out of the counting mode and back into the weighing mode.

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 online 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. 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

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