

PLATINUM PCT101

P R E M I U M C L A S S
PRECISION POCKET CARAT SCALE



Gemoro
◆ SUPERIOR INSTRUMENTS

Congratulations on your purchase of the premium class Platinum PCT101 precision carat scale by GemOro Superior Instruments! Your new pocket sized GemOro Platinum PCT101 is a durable, European designed, full featured precision carat scale that is ideal for the retail jeweler, traveling diamond or gem dealer, wholesaler or pawnbroker and at a value that can't be beat. The sleek Platinum PCT101 features a durable black UltraGrip rubberized paint finish for ease of handling. It weighs in ct, g, dwt, ozt, oz, gn, parts counting. It includes an extra-large bright blue backlit LCD display, large stainless steel weighing platform, pushbutton digital calibration, tare, memory, overload protection, low battery indication, auto-off functions and an innovative manually expandable tinted draft shield. The Platinum PCT101 is powered by either 4 included AAA alkaline batteries or its 100-240V multi-voltage AC adaptor. It comes with a protective rubberized travel / storage case that contains the PCT101, scoop, locking diamond tweezers, 20g stainless steel calibration weight and AC adaptor.

GEMORO PLATINUM PCT101 INSTRUCTIONS FOR USE

1. Locate the battery compartment on the bottom of the PCT101 and remove the battery compartment door by sliding it toward the back or end section of the scale. Inside the rubberized traveling / storage case or battery compartment you will see 4 AAA alkaline batteries. If the batteries are inside the scale, remove the plastic power discharge insulation tab from the end of the batteries, which may be installed by the factory to prevent premature battery power discharge.
2. Push the ON/OFF button once to turn the scale on (repeat the procedure in order to turn the scale off). While in the carat or ct mode, the bright blue backlit display will then show 00.000ct after it stabilizes.
3. If the scale is left on without weighing activity, it will automatically shut itself off after 4 minutes in order to conserve battery life.
4. When using the scoop or a weighing container, simply place it on the weighing platform and then push the TARE button once to automatically subtract the weight of whatever was on the platform. If you then take the scoop off of the

weighing platform the display will show a negative weight equal to the weight of the scoop or whatever was on the platform. After placing the scoop back on the weighing platform, you may then place the item that you wish to weigh directly into the scoop and weigh it independently.

5. When you no longer wish to use the scoop, you may press the TARE button once again to bring the display back to 00.000ct or press the ON/OFF button once to turn the scale off.
6. By pressing the MODE button the scale will automatically change to a different unit of measure. Keep pressing the MODE button until the desired unit of measure (example: g, dwt, oz, ozt, gn or PC) is displayed.

GEMORO PLATINUM PCT101 CALIBRATION INSTRUCTIONS

1. With the supplied stainless steel weighing platform installed and the scoop not being used, turn the scale on by touching the ON/OFF button.
2. Press and hold down the MODE button for 4 seconds until the scale display reads CAL.
3. Press the MODE button again, the scale display will then begin flashing 20.000g.

4. Place the 20g calibration weight on the center of the weighing platform. When the scale stabilizes the display will read PASS and then show 20.000g.
5. Then remove the calibration weight off the weighing platform. You may then begin weighing your diamonds or gems.

GEMORO PLATINUM PCT101 PARTS COUNTING INSTRUCTIONS

1. With the stainless steel weighing platform installed and the scoop on the platform, turn on the scale by pressing the ON/OFF button once and wait until the display reads 0.000 ct. or 0.000 g, etc.
2. Place an increment of 25, 50, 75 or 100 sample parts or pieces of diamonds, gold findings, etc. inside the scoop. (Note, the larger the increment you use, the more accurate the parts counting will be.)
3. Hold down the “PCS” button until the “PCS” starts flashing on the display.
4. Press the MODE button to change from 25, 50, 75 or 100 in order to match the sample size you have placed in the scoop.
5. Press the PCS button to accept the sample size selected.

6. You may now begin weighing your pieces as needed.

GEMORO PLATINUM PCT101 DRAFT SHIELD EXPANSION INSTRUCTIONS

The PCT101 includes an innovative low profile draft shield that may be manually expanded for weighing parcels or larger diamonds and gemstones.

1. From the factory the PCT101 is placed in its rubberized travel / storage case with the draft shield in its low profile position.
2. To expand the draft shield, first lift the draft shield open. While firmly holding the edges of the draft shield with your fingers, insert your thumbs inside the center circular area of the draft shield and push the center circular area up into its fully expanded position.
3. To bring the draft shield back into its low profile position, simply push the center circular area of the draft shield down with your thumbs while holding the edges of the draft shield.
4. Never apply excessive force onto the draft shield, as it is fragile and will crack or break.

GEMORO PLATINUM PCT101 SPECIFICATIONS

Capacity/Accuracy: 100ct/0.005ct

Units of Measure: ct, g, dwt, ozt, oz, gn and has a parts counting function

Operation: Pushbutton

Draft Shield: Manually Adjustable Height

Calibration: Pushbutton Digital

Tare: Full Capacity

Auto Off Function: 4 Minutes

Optimal Operating Temperature: 50°F-86°F

Power: 6V - 4 x AAA Alkaline Batteries

Display Size: 50 x 32mm

Product Dimensions: 138 x 70 x 32mm

Warranty: 5 Year Limited Replacement Warranty





1. Draft shield
2. Scoop
3. Weighing platform
4. On/Off
5. Mode
6. Tare
7. Parts Counting
8. Battery compartment (underneath)
9. AC Receptacle
10. Calibration weight
11. Tweezers
12. Case
13. Adaptor

GEMORO PLATINUM PCT101 OPERATING ENVIRONMENT & WARNINGS

This scale is a precision instrument and must be used under certain conditions to ensure accurate weighing. Please observe the following when using this scale:

- For optimal accuracy always operate the scale in the 58°F - 86°F temperature range.
- Place the scale on a flat, stable surface, which 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 at an angle or bang the weighing platform directly on top or on its side as this may permanently damage the internal weighing sensor and void the warranty.
- If the scale will not be used for a long period of time, it is recommended to remove the batteries. If this is not done and battery leakage occurs, it may potentially damage the scale and void the warranty.
- Do not use or store the scale near a heat source such as ovens, heaters, furnaces, etc.
- Avoid placing the scale in strong electrical or magnetic fields. Some cell phones may interfere with the scales electronics and cause the display to jump. If this occurs, by simply turning off the cell

phone or moving it away from the scale the display will once again stabilize.

- The scale may not weigh accurately in an environment that is subject to large temperature fluctuations and may take up to approximately two hours to adjust to such changes in temperature.
- Always try replacing the batteries in the scale before sending it in for repair to confirm if the source of the problem simply relates to the need for battery replacement.
- If a repair is necessary, always remove the batteries and tray, and carefully repack the scale in its original rubberized travel / storage case and properly protect it with adequate packing materials before shipping it back to your supplier for service. The factory is not liable for defective scales that are further damaged due to improper packaging.
- Do not leave objects on the weighing platform or in the scoop when the scale is not in use.
- Never disassemble the scale or the warranty will become void.
- This scale is not intended for illegal use.

GEMORO PLATINUM PCT101 WARRANTY

This durable scale is warranted to perform to the manufacturers stated specifications as noted above and if proper care is provided, for a period not to exceed (5) 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 for service. For the warranty to be effective, the purchaser must first fill out the online Warranty Registration form. 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 following online Warranty Registration form:

www.gemoroproducts.com/warrantyregistration

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