I. Important information
Please carefully read the following instructions before use:
Handle your precision scale with care. Do not drop the scale and avoid shocks and shaking. Gently place the load onto the middle of the platform. Avoid overload. Do not leave heavy load on the platform for a long period of time. Do not attempt to pull up the platform to open or to repair the scale. You might risk to damage the load cell permanently. In order to get very precise measuring results only operate the scale on horizontal and stable surfaces and avoid dust, dirt, moisture, aggressive liquids, vibration, air currents and vicinity to other electronic equipment (e.g. mobile phones). After great temperature fluctuation allow the scale to acclimate for one hour – particularly before calibration. This scale has been calibrated by the manufacturer. However the fine accuracy may slightly be affected by variations of gravity, shipment, handling and changes of temperature. A user calibration is possible at any time and recommended in case of intense use. ***Damages caused by the non-observation of the above rules will not be repaired under warranty.***

II. Power supply
- If the scale displays [LO] change the batteries otherwise the weighing result will be imprecise.
- Only use high quality 1.5V AA alkaline batteries (4 pieces).
- After 120 seconds of no change of load the scale will switch off automatically in order to save energy.
- Remove the batteries if the scale is not used for a long period of time.

III. Keyboard functions
On first use remove the protecting film from the panel.
ON/OFF: Turns the scale on or off
MODE : Selects the weighing unit and the reference counting lots
TARE : Tare weighing and calibration
PCS   : Counting function

IV. Operation
1. Place the scale on a horizontal flat surface.
2. Press the **ON/OFF**. Wait until stability is achieved (point in circle on left side of display) and [0:000] are displayed.
3. Gently place the load on the centre of the weighing platform.
4. If required change the weighing unit by pressing **MODE**.

5. If the scale displays [O_Ld] the load exceeds the maximum capacity. Please reduce the weight immediately.

V. Tare
1. Press the **ON/OFF** button and place a bowl or any another container on the platform. Its weight should not exceed the maximum capacity of the scale.
2. Press **TARE** and wait until [0:000] is displayed.
3. Add the load and directly read its net weight.

VI. Counting Function
1. Press **ON/OFF** (possibly with an adequate tare bowl on the platform) and wait until [0:000] is displayed or press **TARE** to get the [0:000] reading.
2. Press and hold the **PCS** key for 3 seconds. Any of the four possible reference lots [25], [50], [100] or [200] e.g. [50] will be displayed.
3. If applicable press **MODE** to select another reference lot e.g. [100]. *Info:* the higher the lot quantity the better the precision of the following count.
4. Place the selected reference lot (25, 50, 100 or 200 pcs) of the identical items to be counted onto the platform or into the tared container.
5. Briefly press the **PCS** key to confirm the selected reference lot. [PCS] will appear on the display to confirm the calibration of the counting function. The scale is now in counting mode.
6. Add more identical items and their quantity will be displayed (not their weight).
7. If required switch to weighing mode by pressing **MODE** and back to counting mode by pressing **PCS**. *Info:* the last reference lot selected as well as its weight will remain stored even if the scale is switched off.

VII. Professional 2 step calibration (only in gram unit)
1. Press **ON/OFF** and give the scale 30 seconds to warm up.
2. Wait until [0.0] is displayed. Press and hold the **TARE** key for 3 – 5 seconds.
3. As soon as [CAL] is displayed, release the **TARE** key and the first required calibration weight will be displayed with flashing [1000.0].
4. Gently add a 1000g calibration weight to the centre of the platform. The display will change to flashing [2000.0] requiring the second step calibration weight.
5. Add another 1000g calibration weight or remove the first one and gently add a 2000g calibration weight. The display will switch to [PASS] and return to normal weighing mode, still displaying [2000.0].

6. Remove the load(s) and [0.0] shall be displayed. Calibration is complete. In case of inconsistency repeat the process.
Please check availability of calibration weights with specialized stores.

VIII. Elimination of problems and errors

Display	Eliminations of errors
None	Remove isolation strip in battery compartment. Check polarity of batteries. If still no display replace batteries.
[OUt_2]	Start up and operate the scale on a stable horizontal surface.
[LO]	Replace batteries. Pay attention to their polarity.
[O-Ld]	Attention overload! Reduce the weight immediately.
Wrong weight indication	Check the weighing unit selected and change it with the **MODE** key if applicable. For extremely precise weighing results calibrate the scale regularly or after intense use.

VIIII. Specifications

- Weighing units: kg-g / lb-oz
- Maximum capacity: 3000g / 6.6 lb
- Division (d):   0.1g / 0.01 oz
- Resolution: 1 : 30000
- Precision: ± 0.2g
- Tare range: up to 100% of capacity (reduces weighing range)
- Auto switch off: after 120 seconds with no change of load
- Operating Temperatures: 5° – 35°C / 41° – 95°F
- Operating humidity: Max. 70% relative humidity
- User calibration: Auto calibration with optional 2 x 1000g weights or 1 x 1000g and 1 x 2000g weights or 4 x 500g
- Power supply: 4 x AA 1.5V alkaline batteries or DC 6.0V jack (optional AC/DC adapter not supplied by PESOLA)
- Measures: 20.0 x 15.4 x 3.2 cm
- Net weight with batteries: 672g / 23.7 oz
- Manufacturer warranty: 2 years from date of purchase

PESOLA ®

PTS3000   3000g · d = 0.1g

Professional Digital Platform Scale with counting function

User Manual