

Precisa EEZYCOUNT

Installation & Operating Instructions

Thank you for buying a Precisa EEZYCOUNT Tablet Counter. It is an instrument of the highest build quality and with correct handling should last many years.

It is extremely easy to use and does not require frequent adjusting, cleaning or re-calibration. However there are a few points that will help you to get the best from your new instrument.

A) UNPACKING

The carton contains the following separate items: -

- EEZYCOUNT
- Power Transformer and plug
- 2 Scoops
- Square Pan
- Pan Support
- Square Plastic Draught Shield
- Warranty Card
- Instructions

B) INSTALLATION

The EEZYCOUNT after unpacking, is ready for use; there are no locks or transit screws. The counter operates on mains voltage and arrives set for 220 volts. If your mains supply voltage is different, or becomes different in the future, **this may only be changed by a Precisa Engineer.**

For best result, the EEZYCOUNT should be sited on a sturdy bench or table, as free as possible from draughts, e.g. open doors or windows. Excessive vibration or air movement may slow the counting operation and cause inaccuracies.

Fit the pan support unit into the balance and the square plastic draught shield around this. Finally, place the square stainless steel pan on top of the pan support.

Plug in the power transformer and lead, switch on at the mains socket and **allow the EEZYCOUNT to warm up for a period of about 15 minutes prior to its first use.**

C) OPERATION

The EEZYCOUNT can be used for both counting and weighing.

The weighing range is from 0.5 g to 620 g with readability of 0.01 g (i.e. 10 mg).

It has been calibrated and sealed by an approved organisation. A certificate will accompany the unit. Please ensure that you have this and keep it in a safe place. (You may have to show it to an Inspection Body upon request).

This process is known as “**Stamping**” and is confirmed on the EEZYCOUNT by two “**verification void if removed**” stickers at the back of the unit and underneath the balance.

DO NOT REMOVE THESE LABELS. Once broken the unit is no longer legal for weighing. Re stamping is a chargeable item.

COUNTING OPERATION

When the EEZYCOUNT is connected to the mains, a display check confirms that the display is functioning correctly.

To change between counting and weighing function, press the CLR button once. (This button is marked ‘CLR’, see image).



The display will then show 0 t/c, if on the counting function.

Prior to using the balance, ensure the balance is level by checking the bubble in the small round window below the display. If required, adjust the balance using the two rear levelling feet. If you move your balance at any point, ensure it is levelled prior to usage.

To **set up** the counting function for your tablet samples follow these steps:

1. Put an empty scoop onto the pan.
2. Press O/T button to zero the unit
3. Press either the “<” button for 5 tablets or alternatively press the “^” button for 10 tablets. (The display will now show “place 5 pieces” (or place 10 pieces) depending on which selection was made)

4. Place your 5 (or 10 tablets) into the container **simultaneously**. The screen will then display 5 t/c net or 10 t/c net depending on the number of tablets selected in step 3.

To **perform** the counting function following set-up, follow these steps:

1. Remove the tablets you used to set-up the balance from the scoop.
2. Place the scoop back onto the balance and confirm the display reads 0 t/c net. If the screen displays a different number, press O/T to zero the unit.
3. Place the tablets that you are counting onto the scoop, and the screen will display the number of tablets present.

To count a new type of tablet, simply press “5” or “10” on the facia to restart the sequence. It is important that the scoop in use is resting on the pan at this point in order that the program starts from zero.

***IMPORTANT** – When setting the calibration, the 5 (or 10) tablets must be placed in the container **simultaneously**; counting them individually may result in the wrong value. (The value for the type of tablet last dispensed stays in the memory of the machine so further batches of that tablet can be counted without programming. However, if a different container is used, then the **EEZYCOUNT MUST** be reset to zero by pressing the “T” button. For an accurate count the display should be reading zero (0 t/c net) with the empty container on the pan prior to dispensing).*

NOTES – A “5” sample is normally good enough for the majority of tablets. However the “10” sample is available to provide extra confidence if using very **small tablets** or perhaps large **sugar coated** ones that can be much more variable in size.

THINGS TO AVOID

1. The unit needs to be used on a firm (non-flexible) surface and should not “rock” (there are two adjusting feet in the back corners).
2. Draughts – the unit is not over sensitive but draughts from heaters, fans, open doors and windows may compromise the operation, resulting in unstable measurements.
3. Heavy vibration – This may also result in variable results.

WEIGHING OPERATION:

To change between counting and weighing. Press the ‘CLR’ button once

When on the weighing function the balance should read g_{NET}..

Press ???

1. Place scoop onto pan. The weight will be displayed.
2. Press and release “O/T” button to tare (zero) the scoop. The display will show zero.
3. Add the material to be weighed until the required weight is displayed.

N.B. Draughts could affect both the stability and accuracy of your readings.

FOR DISPENSING PURPOSES, NEVER WEIGH LESS THAN 500 mg WHETHER BY DIRECT WEIGHING, BY TARING A CONTAINER AND THEN WEIGHING THE SUBSTANCE OR BY TAKING THE DIFFERENCE BETWEEN TWO MASSES.

SWITCHING THE COUNTER “OFF”

The EEZYCOUNT is fitted with a “standby” switch located on the top left of the facia. This does **NOT** switch the unit off completely, but maintains supply to the temperature sensitive parts hence giving sustained accuracy to the counter immediately for when you “switch on” at the start of the day. Please remember to leave the mains connected if using the “standby” switch.

D) ERROR MESSAGES

OL – Overload. The EEZYCOUNT is overload protected (from a “steady” load) and this will not harm the machine. However it does mean that its maximum capacity has been exceeded.

UL – Underload. This can be simulated by removing the pan. It can also be caused by an object fouling the weighing pan such as a tablet or other foreign bodies.

It is also seen when the machine has been mechanically damaged.

E) WARRANTY

The EEZYCOUNT has a 3 year parts and labour warranty (return to UK workshop) in the unlikely event of a failure due to faulty workmanship.

However mechanical, liquid or dust damage is not covered.

(It is advisable to keep the packaging material should the need arise to return it to our UK workshop).

F) SERVICE

In the unlikely event of difficulty or malfunction please contact our Service Department either by phone, [+44 \(0\)1506 425300](tel:+441506425300) or servicecentre@edinst.com

To return instruments for repair/reverification; our postal address is:

Precisa Ltd.
4 Bain Square
Kirkton Campus
Livingston
EH54 7DQ

G) ACCESSORIES

Extra Scoops (minimum order quantity 4)

Front Cover (protects your EEZYCOUNT from dust & splashes)

Draught Shield (replacement cost)

Shipping – extra at cost.

Prices subject to VAT.