



Clini-Counter
Touch Screen
User Instructions



Clini-Counter User Manual Index

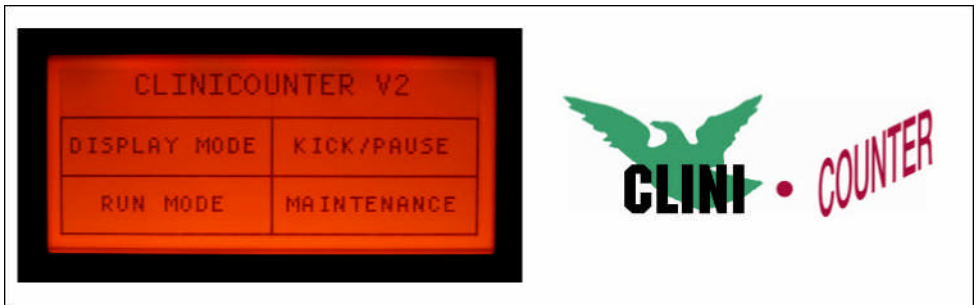
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Overview

The 'Clini-Counter' has been designed to be used within the Print and Packaging industry for leaflet & carton batch counting.

The main unit houses the controls, operator touch screen interface and connections for sensing and batching devices.

Front Panel Layout.



To navigate through the menus, gently touch the screen.

In order for the unit to count, a sensor is connected to the unit via a 5 pin socket on the rear. Each time the sensor changes from off to on state, an increment of 1 is registered.

There are two ways in which the unit interacts with the product being counted.

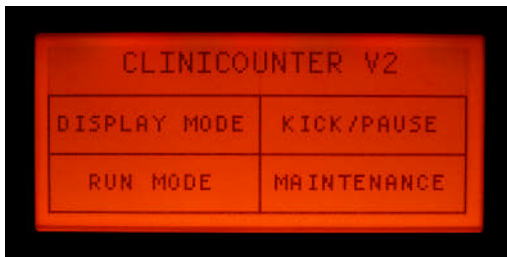
1. The passing product is kicked by a batching device which shows a specified count mark point.
2. The feed of the machine is interrupted which creates a visual gap between defined batch quantities.

The red LED on the panel front indicates the presence of a product.

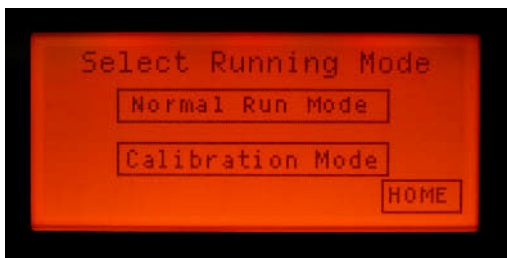
The HOME button will return the menu to the previous screen.

Please leave screen protector on to prolong the life of the touch screen.

Normal Run Or Calibration Mode

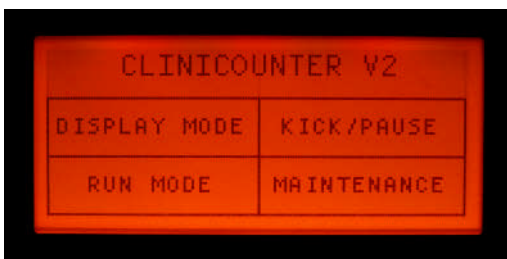


Touch Run Mode Button



Select which mode you require to run in, either Normal Run Mode or Calibration Mode (see page 5 for calibration mode settings).

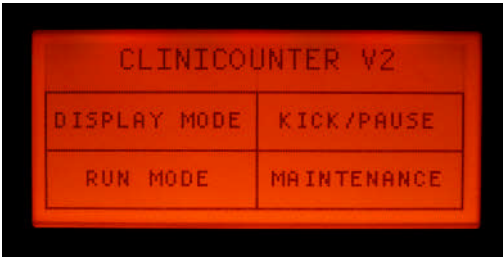
After selecting Normal Run Mode the following screen will re-appear to confirm you are in Normal Run Mode.



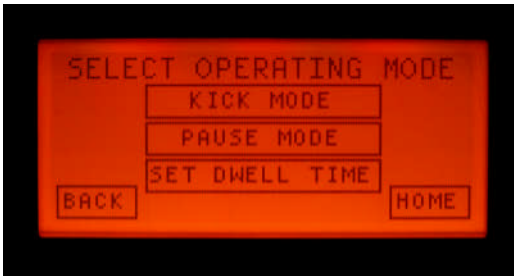
You can then select **Display Mode** which takes you to display option screen which allows the user to select the screen view during running.

Kick / Pause Mode

To change between Kick or Pause, select Kick / Pause.

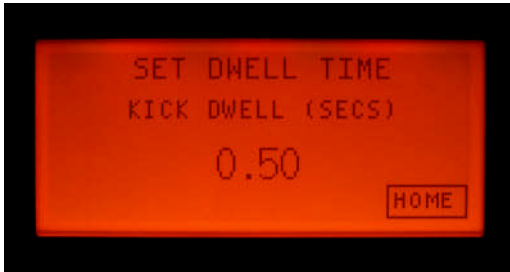


Selecting Kick or Pause will then return to main screen after the mode has changed.



Set Dwell Time

To alter the time delay in pause mode select Set Dwell Time.



To change, touch value and enter on the screen as below and press ENT to verify or ESC to return to previous menu.

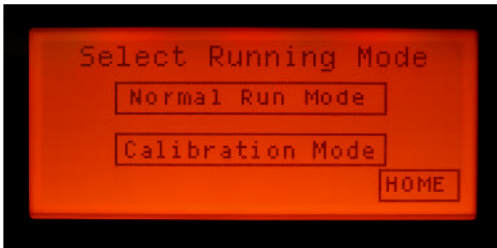


Setting the dwell time will change how long the interrupt pause lasts but it will also change how long any kicker will hold the 'kicked' position for.

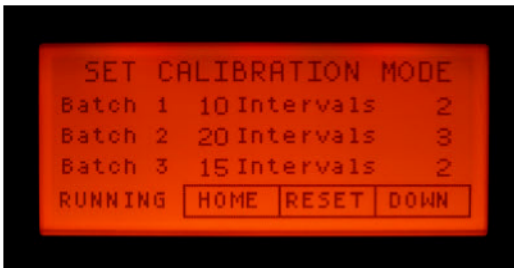
It is recommended that a kick pause is no longer than 3 seconds.

Failure to observe this will result in damage to the kicker solenoid and will invalidate the warranty.

Calibration Mode / Variable Batch



Select Calibration Mode and the following screen will appear.



This screen allows the user to set 3 counts in different batch quantities.

Batch 1 will run then move on to Batch 2 & 3 and then return to batch 1 in a loop mode. This allows the operator to manually verify the counter is counting and batching accurately.

Reset will reset the sequence back to Batch 1 and start again. Touching any of the numbers for a batch or interval will open up the change value screen



Here the values can be adjusted and entered. ENT will confirm value, ESC will return to previous screen.

QA Request

QA Request allows the user to 'kick' a QA sample whilst maintaining an accurate batch and total count.



Select QA Request



Selecting NO will return to the previous screen.

Selecting YES will kick a leaflet and adjust the counts.

There are no limits to how many QA Requests you can obtain. If the machine is not running when a request is made, the next product through will activate the request.

CAL Setup

Selecting this will enter Calibration Mode (see page 7)

Maintenance Mode

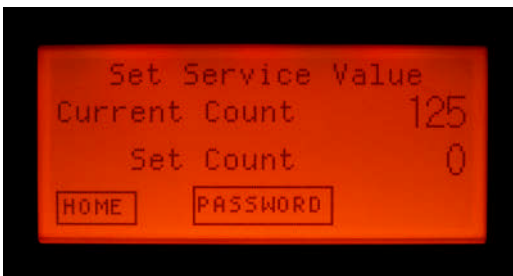


Maintenance Mode allows the user to select one of the following three options:

Service Setup / Cal Setup / QA Request



Service Setup

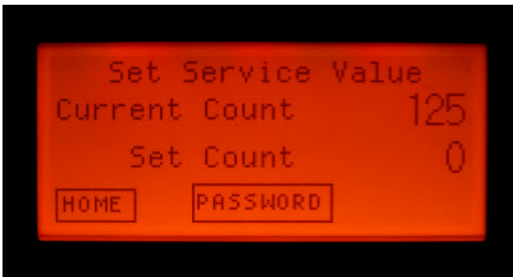


This mode allows an engineer to set machine maintenance counts, i.e if the machine needs routine maintenance after 10 million leaflets the count can be set to this and once the count is reached, a message will be displayed on the screen to alert maintenance is required.

To change the Set Count you will need to select Password.



Enter Password as **1234** and press ENT.



Now touch the value on the Set Count



Enter value the usual way and press ENT.

Specifications

Supply Voltage	110 - 240Vac 50-60 Hz
Current	300mA
Weight	3.4KG
Min Input Pulse	7mS
Min Output Pulse	20mS
Dimensions (W x D x H) mm	305 x 280 x 88

Interrupt Feed Wiring

The unit is supplied with a pre-wired four-core machine interrupt lead. The cores are numbered 1 to 3 with the fourth core being ground.

Core Number	Description
1	Common
2	Normally Closed Contact
3	Normally Open Contact

Note: A qualified electrician should only carry out the interfacing of the Clini-Counter to a third party machine stop circuit.