

Updated 28/02/2022 For The New 2022 Model

Coin Sorter CS205 Guide & Instructions

An electronic version of this document can be downloaded from the CS205
Coin Sorter product page at www.shopstuff.co.uk

CS205 Coin Sorter

Light duty and low volume mixed coin sorter capable of counting, sorting and batching up to 240 coins per minute. With plastic sorting disk suitable for small counts every day.

In 2005 we had the first prototype of this coin sorter, but were not happy with some aspects of the internal workings so after three different prototypes and exclusive internal design changes we are now able to make this coin sorter available for the UK market.

So that you know you are buying a true CountLab CS-205 coin sorter either from shopstuff or one of our authorised agents, ask your supplier the following.

1. Does the coin sorter being supplied have grey body cases, smoke black coloured coin pots instead of blue or clear coin pots. The grey case signifies the latest UK software and latest UK modifications.
2. Does the CS205 coin sorter being offered have the ability to connect a printer? As far as we know we are the only company in the UK offering this coin sorter with a printer option.
3. Does the coin sorter being supplied have a memory allowing the operator to see total amount of coins counted for a given period. Allowing the operator to check warranty conditions.

If your supplier can not answer Yes to all three of these questions you are probably not buying a genuine Shopstuff designed and tested CS205 coin sorter. If unsure please phone us on 03456 44 2210 where we will be able to confirm if the company you are purchasing from is approved by us.

The CS205 is **NOT** suitable for counting any foreign, commemorative or damaged coins. Putting these types of coins into the machine may cause damage and therefore invalidate any warranty claim. If you believe it is possible that foreign coins may be put into the sorter, it would be worth considering a coin sorter with coin verification such as the CS-830 coin sorter.

If you are unsure if this coin sorter is suitable please phone us - we will be happy to discuss your requirements and suitability in detail.

We also offer a hire before you buy scheme, this allows you to hire the machine for a period of time to find out if the coin sorter is suitable for your requirements, if not the machine is simply returned and the cost of the hire stands, if the machine is suitable then the hire machine is returned and the charge for the hire taken from the cost of the new machine.

To assist you further we have included in this document the test results, warranty information and full instructions on the use of the machine.

Visiting this link: <https://youtu.be/UgLbv8Z-4Jg> will show a basic video guide to the CS205 in action.

Specification

Ambient Temperature -0°C - 40°C
Ambient Humidity- 30 - 80%
Hopper Capacity – 500 approx
Individual Tray capacity 1 - 100 coins
Batch Preset -Yes
Counting Number Display -LCD
Power Source –AC220V/50HZ
Power Consumption-50W Maximum
Dimensions-360mm x 340mm x 282mm
Net Weight - 4.3KG
Counting Speed-300+ Coins per Minute

Key Features

Counts 240 coins per minute
Hopper Capacity approximately 500 coins.
8 denomination coin trays with a maximum capacity of 100 coins per tray
Batch set facility—set the machine to stop each time a denomination reaches its maximum bank standard bag limit—i.e. 20 x £1 or 50 x 2p
Not suitable for foreign objects, coins or damaged currency
Warranty: 12 months or 100,000 coins whichever comes first.

CS205 Coin Sorter Warranty Information

We offer the CS205 with a 100,000 coin or twelve month warranty (whichever comes first) with an expected average monthly usage of up to 9,000 coins.

The warranty is offered on a fair usage policy meaning we would not expect to receive a CS205 back that has counted 20,000 coins after just one month of ownership; however, we allow a 10% per calendar month over usage without affecting your warranty to account for seasonal fluctuations in usage up to the warranty limit. We have this in place to ensure that customers have selected the correct machine for their requirement and that a machine with a higher capacity or with coin verification and off sort would not better suit your needs. Please phone us on 03456 44 22 10 if you are unsure on the correct machine to purchase.

What your warranty covers:-

Labour, parts & UK mainland delivery back to you

What's not covered:-

- Warranty claims caused by customer not following the CS205 cleaning requirements. Machines returned that simply need cleaning or a coin jam cleared will incur a £25+vat charge + carriage back.
- Coin Jams and damage caused by damaged sterling or foreign coins.
- Exceeding your monthly fair usage by 10% from point of purchase.
- Consumable plastic spinning disk, which should be replaced at very minimum every 100,000 coins counted.
- Cost of sending the machine back to us

We will endeavour to inspect and if necessary repair and send back any returned machines to the address or the returns form within 11 working days of receiving it.

To return a machine simply contact us by e-mail - a returns form will be sent to you by return, simply fill this in and return with the machine to us for repair.

Test Results for Coin Sorter CS205.

Reason for testing: To test and find any weakness present in new 2022 model CS205 coin sorter with the new modification design and implemented exclusively for us.

Test coins: UK sterling pre-checked for damaged or foreign coins

Speed Test

We tested over a 60 second period with a preloaded machine of full UK sterling mixed coin type. Running the same speed test 10 times. We averaged over these test a count speed of 248 coins per minute. This could be increased to 270+ coins with ease if all UK coins were of equal thickness and shape and dependant on which coins are being counted.

Wear and Tear

After testing the machine was dismantled to inspect for any premature ware, none was found however it would be prudent to explain in the instructions as to how the customer should maintain the machine to prolong life and optimal performance. I would also recommend that the plastic internal spinning disk be seen as a consumable and should be replaced after approximately 100000 coins counted to ensure consistency of counting. However due to the low cost of the machine this may not be viable.

Test result Miss-counts.

As with any coin sorter, regardless of cost, miss-counts and jams are always going to occur due to the thickness and shape of UK sterling coins. In our test the CS205 miscounted just 2 coins out of 6060.

As the machine has no coin verifier hardware or software it cannot be expected to count at 100% accuracy purely down to the unknown quality of the coins being put into the machine and coins will and should be expected to drop into wrong pots on occasions. But these should be easily spotted as the pots are well arranged so that similar coin types are not next to each other. The CS205 will also need to be placed on a flat and stable surface; we were able to increase miss-counts when machine was set at an angle.

Conclusion

A well design and constructed economical low volume coin sorter and batcher that will fit well into the market place.

As with any coin sorter regardless of price, mis-sorts and batching mistakes are always possible and I would also recommend that a customer purchases a Volumatic Count Easy to accompany the coin sorter as this would further speed up banking and this would instantly spot any occasional miss-sorts before being put forward for banking as shown in the test results.

I would recommend the CS205 coin sorter to be suitable for clients counting up to 9000 coins per month in smaller batches of up to 2250 coins per week.

Instructions



1. Batching

To set up batch mode firstly press the “BATCH” key. Then press the relevant number from 1-8—each number represents a denomination 8 is equal to £2 7 is equal to 50ps and so on in coin size order 5p being number 8.

The display will show the coin denomination and flash on the amount of coins the machine will stop on. To change this amount, simply enter in the new amount and press the set button to save. Or you can press BATCH repeatedly to choose from preset batch quantities then press SET.

Repeat the above procedure if you want to set the batching for another coin or press “START/STOP ” button to come out of the setup screen.



Tray Number	1	2	3	4	5	6	7	8
Denomination	5p	1p	20p	£1	10p	2p	50p	£2
Maximum ideal capacity in each tray	100	100	50	50	50	50	30	30

MAXIMUM AMOUNT OF COINS WHICH WILL FIT INTO EACH POT – DO NOT OVERFILL THE TRAYS AS THIS COULD DAMAGE THE MACHINE OR CAUSE OVER MIS-COUNTS.

2. Basic Operation

1. Turn the CS205 on by using the switch at the back of the machine.



2. The CS205 will perform a self-check and you will hear a fan noise which is completely normal as this acts as a cooler for the internal electronics.



3. When the display shows the default count screen the machine is ready to use.



4. Pour the coins you wish to count onto an external tray or similar to inspect for foreign or damaged coins.



5. Press the START/STOP button.



6. Pick up a small handful of coins and gently place in the hopper.



7. Once these coins have disappeared into the machine repeat step 6.



8. When all coins have been counted the CS205 will automatically stop.

6. Error Diagnosing

E1- E8 – Sensor error

Solution – The number relates to the pot with the sensor error, which will either need cleaning with a Shopstuff swab or the sensor replaced.

E9 – Error usually occurs when machine is started with coins already inside the machine or internal sensor dirty.

Solution – Clean sensor using a Shopstuff alcohol swab gaining entry through the rear inspection hatch.

Switch off and empty Coins from CS205 then switch back on .

E10 – Motor error

Solution- Motor has either been damaged or needs re-aligning this is an error code that will require the unit to be sent back to Shopstuff for service.

All maintenance must be carried out with the machine switched off and unplugged from the wall.

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