

**CASH**  **TESTER**



**CC 604**

User manual • Bedienungsanleitung • Gebruiksaanwijzing

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subject to technical modifications • more information on [www.cashtester.com](http://www.cashtester.com) • version 51/2016

# CASH TESTER

## User manual

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## General

### 1.1 Introduction

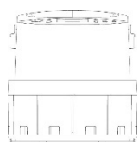
Thank you for purchasing the CC 604; we hope this Cashtester coin counter and counter for Euro simplifies your daily work with coins. Following we provide all major information regarding the CC 604. Please note that this sophisticated coin counter has to be cleaned regularly to guarantee an optimum count and long life span. You will find directions for correct care and maintenance in chapter **3.1 Maintenance** in this instruction manual. Should you experience problems with the unit in spite of correct care, do not hesitate to contact your supplier.

### 1.2 Safety instructions

Only use the power cable delivered with the product. The device is only to be opened by qualified service technicians. Changes made to the hardware will void the warranty.

### 1.3 Contents – in the box

Please check if the CC 604 is in good condition and if everything is present according to the overview below:



CC 604



User manual

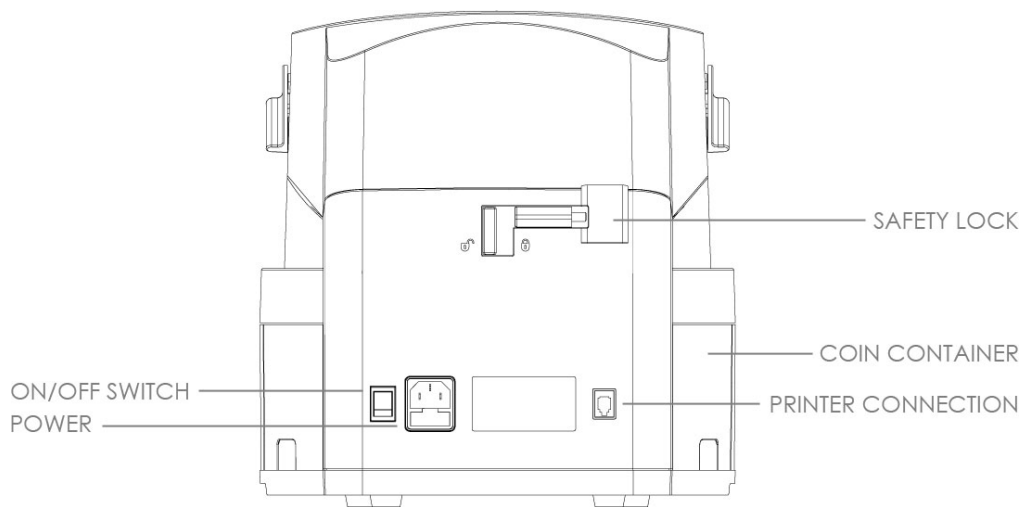


Power cable

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## 1.4 Unit design

Back side view:



User panel view:



|            |  |
|------------|--|
| START/STOP | Start/stop the machine or enter counting mode    |
| SET        | Enter setting mode                               |
| REP        | Show the report of the counting                  |
| +          | Increase number and switch ON/OFF batch function |
| -          | Decrease number                                  |
| CLEAR      | Clear the data                                   |
| PRINT / >  | Print counting result or switch display          |

## Settings and functions

### 2.1 Counting mode

Switch on the machine and the CC 604 will start in the normal counting mode. Press **START/STOP** to start sorting; the LCD will display the quantity and total value of the coins counted.



### 2.2 Batch mode

In the counting mode, press the **+** key to enter into batch mode: **BAT ON** will be displayed. Now the batch function is switched ON: press **+** again to switch the batch function OFF.

**ATTENTION:** when you have switched on the batch function, you need to set the batch value(s) first via the *batch setting menu* (see next page).

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To enter the *batch setting mode* press **SET** in the *counting mode*.

- Press **PRINT/▶** to display the batch value of each denomination;
- Press **+** or **-** to increase or decrease the batch value by 1;
- Press and hold the **+** or **-** to adjust the value rapidly: when the value is more than 10, each adjustment value is per 10 and when the value is more than 100, each adjustment value is per 100;
- Press **CLEAR** to clear the setting value: press and hold **CLEAR** for two seconds to clear the setting value of all denomination;
- Press **START/STOP** to confirm and exit setting mode.

**ATTENTION:** when the batch value is set higher than the maximum quantity of container, the display will show FULL. By pressing **+** you can switch between **Y** (accept) and **N** (deny and number will be set to 0) and confirm the setting by pressing **START/STOP**.

When no batch quantity is set or when the batch function is turned off, the machine will stop at following standard settings (maximum per container):

|         |            |         |            |
|---------|------------|---------|------------|
| € 0,01: | 400 pieces | € 0,20: | 140 pieces |
| € 0,02: | 250 pieces | € 0,50: | 100 pieces |
| € 0,05: | 200 pieces | € 1,00: | 120 pieces |
| € 0,10: | 200 pieces | € 2,00: | 100 pieces |

 When the original containers are used, do not set the batch quantities higher than maximum as it may result in damaging the CC 604.

## 2.3 Report mode

To get a report of the counted coins after the counting is finished, toggle between the values by pressing **REP** multiple times (€ 0,01 ▶ € 0,02 ▶ ... ▶ € 2,00).

## 2.4 Date and time setting

In the *counting mode*, press **SET** 4 times to enter the *date and time setting mode*. The display will show the setting in following order: YEAR, MONTH, DAY, TIME. Switching is possible by pressing **PRINT/▶**. Press **+** or **-** to change the setting. After a change, confirm by pressing **START/STOP**. Press this button again to leave this setting mode.

## 2.5 Printer setting

In the *counting mode*, press **SET** 3 times to enter the *printer setting mode*. By standard this is set to model SP-POS58V which is the optional printer.






## Maintenance and troubleshooting

### 4.1 Maintenance

In order to avoid miscounting errors, it is advised to clean the CC 604 regularly and at least once a week as well internally as externally with a dry or moist cloth. Don't use any detergent and disconnect from mains before cleaning the inside.

Also pay attention to the following:

-  if the temperature is lower than 20 degrees Celsius, please turn on the machine and wait for at least 3 minutes before counting so that the CC 604 can acclimatize;
-  the CC 604 shall be operated at places with good ventilation and kept away from strong sunshine and strong magnetic fields;
-  the power plug of the machine shall be inserted to a grounded electrical socket;

## 4.2 Error messages and solutions

In case of an error, the number is shown bottom right in the display.

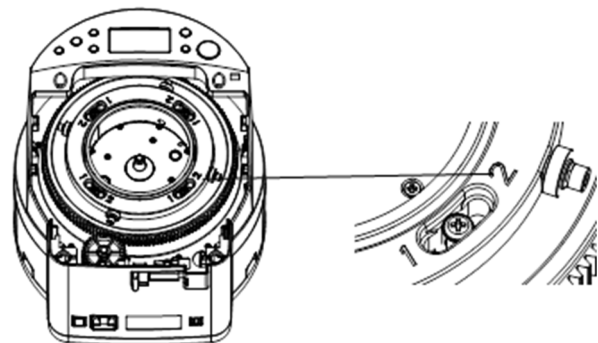


| Error code | Problem                             | Solution   |
|------------|-------------------------------------|--|
| 1          | Infrared in the channel 1 (1 cent)  | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 1 |
| 2          | Infrared in the channel 2 (2 cent)  | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 2 |
| 3          | Infrared in the channel 3 (10 cent) | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 3 |
| 4          | Infrared in the channel 4 (5 cent)  | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 4 |
| 5          | Infrared in the channel 5 (20 cent) | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 5 |
| 6          | Infrared in the channel 6 (1 Euro)  | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 6 |
| 7          | Infrared in the channel 7 (50 cent) | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 7 |
| 8          | Infrared in the channel 8 (2 Euro)  | Clear the dust on the IR sensor. When the error remains, replace IR emitter board in the channel 8 |
| 9          | Infrared in the hopper.             | Clear the dust on the IR sensor. When the error remains, replace IR emitter board of the hopper    |

## 4.3 Brush setting / replacement

The brush must be replaced every 900.000 coins counted/sorted. To check this number, switch the counter OFF: now hold **REP** and **-** and switch it back ON again and the number will appear bottom right in the display. Press **START/STOP** to exit this menu.

The **CC 604** comes with the brush fixed on position 1. When 400.000 coins passed, it is recommend to set it to position 2 to guarantee the correct pressure which means correct countings: in the display **POS 2** is shown. Disconnect mains and open the top cover: switch the brush to position 2 and confirm by pressing **START/STOP**.



When the quantity of counted coins exceeds 900.000 coins, the LCD will display **BRUSH**. You must replace the brush now to assure correct counting/sorting. After replacement, start the unit as described above and when the number is shown, press **CLEAR** to reset the counter. This process is essential to guarantee the correct life span of the brush which means correct countings.

**ATTENTION:** clearing this number is definitive and can't be undone.

## 4.4 Technical specifications

|                 |                                      |
|-----------------|--------------------------------------|
| Display         | LCD                                  |
| Coin Boxes      | 8                                    |
| Hopper capacity | 1000 pieces (mixed coins)            |
| Counting speed  | Approx. 500 pieces/min (mixed coins) |
| Consumption     | 60W (max)                            |
| Power supply    | AC 100-240V, 50/60HZ                 |
| Dimension       | 598*340*434 mm                       |
| Weight          | 6.85 KG                              |