**COIN AND NOTE COUNTING MACHINE**

# OMEGA C
# Fast Charge
# Series 1000

**INSTRUCTION MANUAL**

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## Cashmaster Omega C

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## 16. Troubleshooting

| Coins | | |
|---|---|---|
| **Mode** | **Message** | **Description** |
| Loose coin counting | PRESS ZERO KEY | Wrong or damage cup may have been applied or Omega "C" has drifted from zero (usually due to draught or vibration).  User should ensure that display indicates zero when empty cup is applied in loose coin mode. |
| Roll verify | *** SUSPECT ROLL*** | Roll applied is suspect.  User may leave roll on cash tray and select the correct denomination for an estimated roll amount.  For an accurate count, it is necessary to split the roll and count in loose coin mode. |
| **Bills** | | |
| Loose bill counting | PRESS ZERO KEY | Omega "C" has drifted from zero (usually due to draught or vibration). |
| Loose bill counting | REMOVE SCOOP FROM SCALE | User has selected a bill denomination while the cup is still on the cash tray OR the On/Zero key was pressed in loose coin mode when the display was showing "CUP".  Remove the cup if it's on the cash tray.  If not, press the On/Zero key to reset to zero. |
| Loose bill counting | TOO MANY BILLS - REMOVE SOME | Bills should be applied in amounts of 20-25 at a time.  User should remove a few until the message disappears then continue applying bills to those on the cash tray. |
| Straps | *** SUSPECT BUNDLE*** | Bundle applied is suspect.  User must split bundle and count in loose bills mode. |
| **Misc.** | | |
| | BATTERY LOW | Recharge battery. |

**FUNCTION KEY**



- Press and hold the **<F>** key and, at the same time, press **<+>** to switch Auto Add on or off *(see page 12)*.

- Press and hold the **<F>** key and, at the same time, press bill **<↑>** to set the starting bank amount *(see page 10)*.
  Press **<F>** to store the amount and return to normal operation.

- Press and hold the **<F>** key and, at the same time, press coin **<↑>** to switch starting bank mode on or off *(see page 11)*.

- Press and hold the **<F>** key and, at the same time, press the **<Print>** key to transmit totals to your PC's interface program.

## 2. Getting the Omega "C" ready

1. Unpack your Omega "C" and check that you have a scale, a cash tray, a coin scoop and a power adapter.

2. Fit the cash tray into the top of the scale and plug the power adapter into the socket at the back of the scale.

3. Place the scale on a firm even surface.

4. Plug the power adapter into the power source.

5. Ensure the cash tray is empty (the coin scoop/till cup should NOT be placed on the tray before switching on).

6. The Omega "C" can now be operated from mains power or from battery. When the battery is low the display will show:

<div style="border:1px solid black; text-align:center">

### BATTERY LOW
### RECHARGE NOW

</div>

### *Fast Charge*

When the Omega C is connected to the mains, the LED on the front will light up one of two colours:

**Red**: When the L.E.D. is <u>red</u>, this indicates that the battery is charging. The charging Process can take approximately 2 hours.

**Green**: When the L.E.D. is <u>green</u>, this indicates that the battery is fully charged

**N.B.**
**WHEN USING THE PRINTER IT IS ALWAYS ADVISABLE TO OPERATE THE MACHINE WITH THE MAINS ADAPTER CONNECTED.**

## 15. Grams Mode

Grams mode can be used to:

1. Weigh and/or directly compare bundles of bills.

2. Check that the scale is weighing correctly by applying a weight known to be accurate.
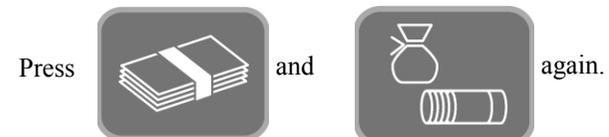
3. Weigh letters to determine postal rates.

### *To enter grams mode:*

Press  and  at the same time.

The display will show:

<div style="border:1px solid black; text-align:center">

### 0.0
### Grams Mode

</div>

### *To exit grams mode and return to normal operation:*

Press  and  again.

## 14. Totals

**ADDING** (if Auto Add is off)

To add the displayed value to the total, press **<+>** while the cash is still on the tray.

**SUBTRACTING** (if Auto Add is off)

To subtract the last value added to the total, press **<->** while the value is being displayed and the cash is still on the tray.

**SUBTOTALS**

To find out the value of a denomination subtotal, select bill or coin counting mode, press **<↑>** or **<↓>** until you have selected the denomination required then, with no cash on the tray, press **<+>**. The display will show the subtotal and number of pieces counted for the denomination selected.

Subtotal → | 3.25    (13) |    ← Pieces
           | SUB TOTAL   25c |

**CLEARING A SUB-TOTAL**

To clear a denomination subtotal, select loose bill or coin counting mode, press **<↑>** or **<↓>** until you have selected the denomination required, then press the **<CE>**.

**CLEARING THE TOTAL**

To clear the grand total, press **<C>**. If you are sure you wish to clear the total, press **<C>** again; otherwise press any other key.

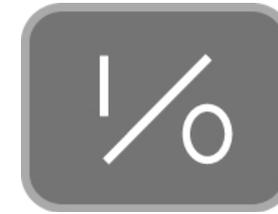**PRINTING TOTALS**

If a printer is connected and the printer switch option is on, press the **<Print>** key to print totals.
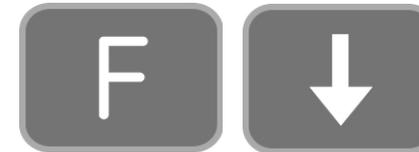
## 3. Switching on

Press the **<On/Off>** key.

The display will show the software number and revision, and will then enter loose coins mode (*See Page 13*).

## 4. Setting the Time

The Omega C has a clock facility that needs to be set once you receive the machine. To do this, press the **<F>** and note **<↓>** keys. You should see the following:

| **  |          |
|-----|----------|
| 00/00/00 |    00:00 |

The date and time is set in MM/DD/YY, HH:MM format. Use the coin **<↑>** and **<↓>** keys to change the part of the date or time that the stars are highlighting.

To move on to the next part of the date or time that needs to be changed press the note **<↑>** or **<↓>** keys. You will see the stars move to the next part as you do this.

Once you have set the clock, press the <F> key.

## 5. Calibrating the Scoop/Till cup

When you power on for the very first time, you must program the Omega "C" with the weight of the scoop or till cup. You should see the following message on the display once you have powered up the Omega C:
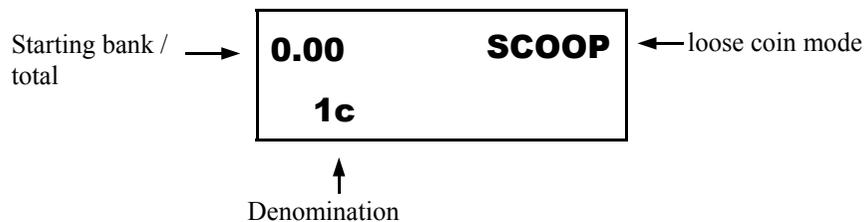
```
No Scoop Weight!
Set using F + I/O
```

Press the <**F**> and On/Off keys together:

The Omega "C" will ask you to place an empty scoop onto the hod. Once you have done this, the Omega "C" will ask you to remove the scoop.

The Loose Coin mode will be displayed. The Omega "C" is now ready to begin counting loose coins.

Starting bank / total →

```
0.00            SCOOP
     1c
```

← loose coin mode

↑ Denomination

If at any time you need to set the Omega "C" to use a different scoop or till cup from that programmed, simply follow the steps above to recalibrate.
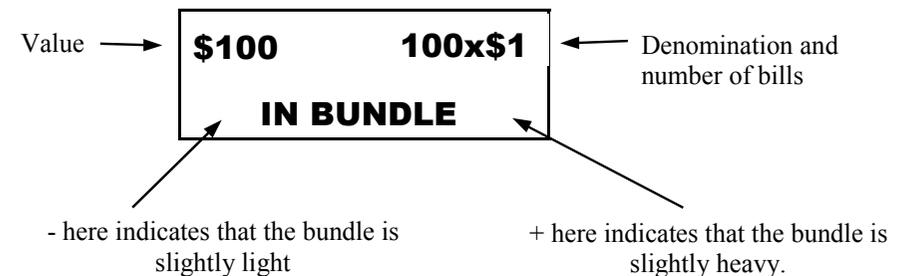
## 13. Counting strapped bills

Select Strapped Bills Verify by pressing the <**Strapped Bills**> key.

Strapped bill mode →

```
VERIFY BILLS
IN BAND $1
```

← Denomination

If the denomination is not the one you want, press bill <↑> or <↓> until you reach the correct one.

Place the strap of bills on the cash tray. The Omega "C" accepts bundles of 10, 20, 25, 50 & 100.

*If the strapped bundle is good*, its value is displayed.

Value →

```
$100          100x$1
     IN BUNDLE
```

← Denomination and number of bills

- here indicates that the bundle is slightly light

+ here indicates that the bundle is slightly heavy.

If *Auto Add is off*, leave the bundle on the tray and press <**+**> to add to the total; remove the strapped bundle from the tray.

If *Auto Add is on*, remove the strapped bundle from the tray. The Omega "C" will update the totals and beep to confirm the add.

Repeat above steps for all strapped bills to be counted. To return to loose bill counting, press the <**Strapped Bills**> key.
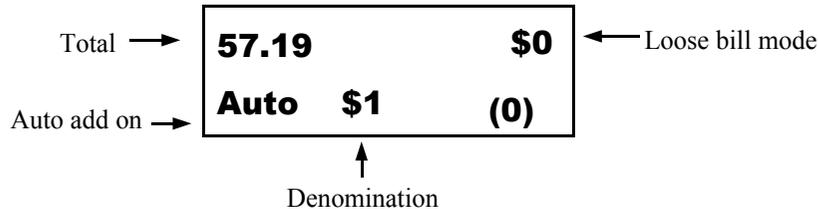
If a strapped bundle is suspect, the display will show:

```
*     SUSPECT     *
*      BUNDLE     *
```

You must open the strapped bundle and count the bills in loose bill mode.

## 12. Counting bills

Ensure that the display indicates bill counting mode.  If it doesn't, press bill <↓> or bill <↑> to select loose bill mode.

Total ⟶ | 57.19          $0 | ⟵ Loose bill mode
Auto add on ⟶ | Auto   $1      (0)
↑
Denomination

If the denomination is not the one you want, press bill <↑> or <↓> until you reach the correct one.

Place bills of the selected denomination on the cash tray; the Omega "C" will beep and the display will show the value of the bills currently on the tray:

| 74.19          $17 | ⟵ Value
| Auto   $1      (17) | ⟵ No. of bills

Bills should be applied in quantities of approximately 20 to 25 at a time.  If too many are applied the display will show:

```
TOO MANY BILLS
REMOVE SOME
```

Simply remove a few bills until the message disappears, then continue adding bills to those already on the tray.

When all bills of the current denomination have been applied and:

*Auto Add is off,* leave the bills on the tray and press <+> to add to the total; remove the bills from the tray then press bill <↑> to move to the next denomination.

*Auto Add is on*, remove the bills from the tray.  The Omega "C" will update the totals, beep to confirm the add, advance to the next denomination in the sequence.

Repeat above steps for each denomination of bill.  To skip a denomination, press the bill <↑> or <↓>.

## 6. Initial programming of bills

All Omega "C"s are calibrated in the factory but we recommend that, when you first receive your machine, you complete the following process to ensure that any "local" adjustments required are taken care of at the start.
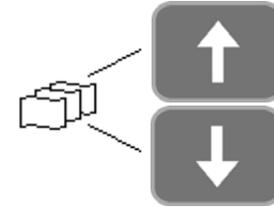
1.    Press bill <↑> or <↓> until you reach the bill denomination required.

2.    Place 8-10 bills of the chosen denomination on the cash tray.

3.    When the Omega "C" beeps and the display is updated, add some more bills.

4.    Remove all bills from the cash tray.

5.    Repeat steps 2 - 4 several times and each time try to increase the number you can apply in one slice.

      If the display shows:

```
TOO MANY BILLS
REMOVE SOME
```

      Remove a few until you see a valid reading, then continue.

6.    Eventually you should be able to apply up to 25 bills in one go.

7.    Repeat from step 1 until all bill denominations have been programmed.

**N.B.    This initial programming of loose bills must be completed for all bill denominations before strapped bills can be verified.**

## 7. Setting the starting bank

Press and hold down the **<F>** key and at the same time press the bills **<↑>** key. The display will show the current bank amount stored.
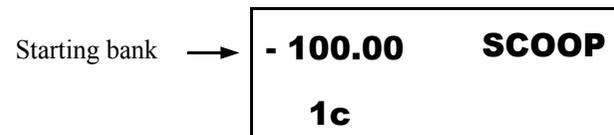
```
FLOAT VALUE

    $50.00
```

Press any of the following keys to change the bank displayed:

bills **<↑>** to increase by $50
bills **<↓>** to decrease by $50

coin **<↑>** to increase by $5
coin **<↓>** to decrease by $5

Press **<F>** to save the selected starting bank and return to loose coin counting. The selected starting bank will appear in the top left of the display.

Starting bank →
```
- 100.00      SCOOP

         1c
```

The bank amount is now stored in memory and, unless it needs to be altered in the future, need not be entered again.

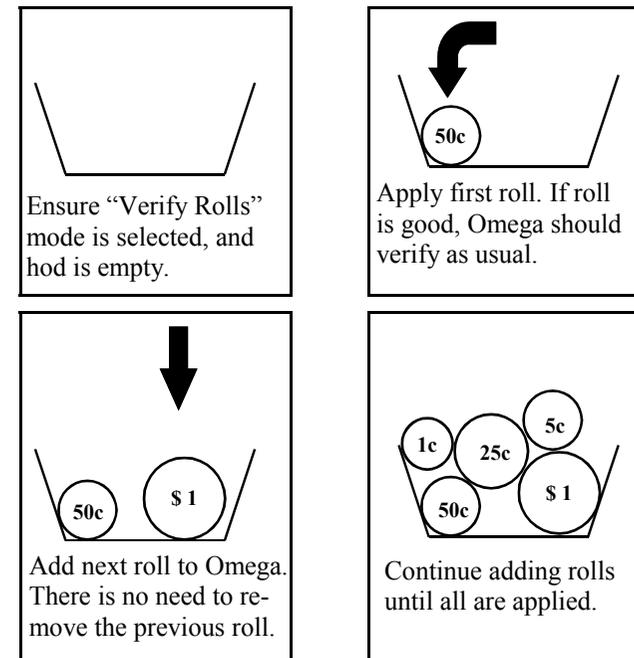The Omega "C" is now ready to begin loose coin counting in starting bank mode.

## Roll Stacking-

This feature allows the you to count all your rolls in one go, regardless of denomination.
Firstly, ensure Rolled Coin Verify mode is selected:

```
0.00          VERIFY

Auto           ROLLS
```

Simply apply one roll at a time, and wait for the Omega "C" to verify the roll before applying the next. You do not have to remove the previous roll before adding the next one.

Ensure "Verify Rolls" mode is selected, and hod is empty.

Apply first roll. If roll is good, Omega should verify as usual.

Add next roll to Omega. There is no need to remove the previous roll.

Continue adding rolls until all are applied.

To add the value of the rolls to the Grand Total, press the <+> key. If **Auto Add** is enabled, simply remove the rolls to add the value. (Note: They do not have to be removed all at once)

## 11. Counting rolled coin

Select Rolled Coin Verify, if not already selected, by pressing the **<Rolled Coin>** key.

Total ⟶ | Rolled coin mode
Auto add on ⟶

```
25.19        VERIFY
             ROLLS
Auto
```

Total ⟶ (points to 25.19)
Auto add on ⟶ (points to Auto)
Rolled coin mode ← (points to VERIFY ROLLS)

Place a roll of coin on the cash tray.

*If the roll is good,* its value and denomination are displayed:

```
$10.00      x      25c
        IN ROLL
```

Value ⟶ (points to $10.00)
Denomination ← (points to 25c)

If *Auto Add is off*, leave the roll on the tray and press <+>to add to the total; remove the roll of coin from the tray.

If *Auto Add is on*, remove the roll of coin from the tray. The Omega "C" will update the totals and beep to confirm the add.

*If a roll is suspect,* the display will show:

```
*    SUSPECT      *

*      ROLL       *
```

To view the amount estimated to be in a suspect roll, you can press coin <↑> or <↓> until the relevant denomination is reached. It may be, however, that the problem is not a missing or extra coin but one of the wrong denomination so it is advisable to split the roll, place the coins in a cup and count in loose coin mode.
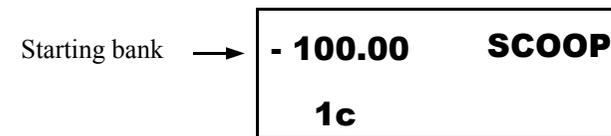
## 8. Switching starting bank mode on/off

Once you have stored your default starting , you can switch the bank mode off or on as required.

To switch starting bank mode on (please note that if it is already on, the following action will switch it off again):

Press and hold down the **<F>** key and at the same time press the coin **<↑>** key. The display will show the current bank amount stored and you may begin counting in bank mode.

Starting bank ⟶
```
- 100.00      SCOOP

      1c
```

To switch starting bank mode off:

Press the same two keys again (**<F>** key and coin **<↑>** ) to switch bank mode off.

```
0.00          SCOOP

      1c
```

## 9. Switching Auto Add on/off

If **Auto Add is on**, the value displayed is automatically added to the totals whenever the counted cash is removed from the tray.

If **Auto Add is off**, you must press <+>, while the value is being displayed and the cash still on the tray, to add the value to the totals.
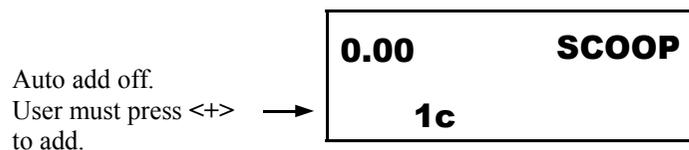
F  +

To switch Auto Add on (please note that if it is already on, the following action will switch it off again):

Press and hold down the **<F>** key and, at the same time press the **<+>** key.

```
0.00          SCOOP

Auto 1c
```
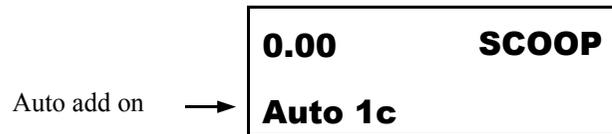
Auto add on →

To switch Auto Add off again and allow manual add:

Press the same two keys again (**<F>** and **<+>**).

```
0.00          SCOOP

        1c
```

Auto add off.
User must press <+> →
to add.

## 10. Counting loose coin

Ensure that the display indicates loose coin mode (scoop). If it doesn't, press coin <↓> to select loose coin mode.

Bank mode on →
```
- 100.00      SCOOP

Auto  1c
```
← Loose coin mode

Auto add on →

↑
Denomination
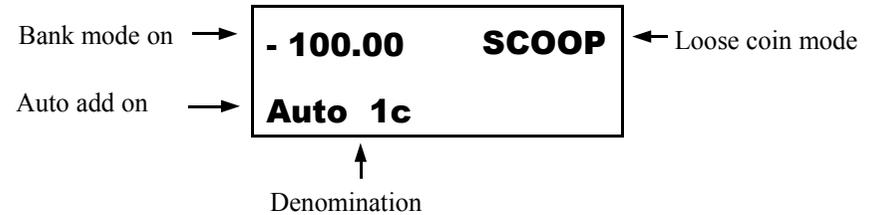
If the denomination is not the one you want, press coin <↑> or <↓> until you reach the correct one.

Place the cup of the selected coins on the cash tray; the Omega "C" will beep and the display will show the value of the coin in the cup:

```
- 99.81        $0.19

Auto 1c        (19)
```
← Value

← No. of coins

If **Auto Add is off**, leave cup on the tray and press <+> to add to the total,; remove the cup from the tray then press coin <↑> to move to the next denomination.

If **Auto Add is on**, remove the cup from the tray. The Omega "C" will update the totals, beep to confirm the add, advance to the next denomination in the sequence.

Repeat above steps for each denomination of coin. To skip a denomination, press coin <↑> or <↓> .

**N.B.** **If starting bank mode is on, you will see that the display shows a negative amount until the starting bank is reached; thereafter the display shows the total for banking; the starting bank has already been taken into account.**