Retail Scale UC3-Touch Self serve be connected be successful

User Manual

Unlimited CONNECTIVITY

METTLER TOLEDO

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Declaration of conformity

We, Mettler-Toledo (Albstadt) GmbH
Unter dem Malesfelsen 34
D-72458 Albstadt

declare under our sole responsibility that the product

Retail Scale
model UC3 - G...-A/P

starting from serial number 2875420

to which this declaration relates, is in conformity with the following standards and directives:

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Albstadt, December 2009

Christoph Dermond, General Manager
Roland Schmale, Quality Manager
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</table>
**Calibration Instructions**

**Important note**

_on calibrated scales in EEC-countries_

![i](image)

- **M** Factory calibrated scales carry the preceding identification on the packaging label.

- **M** Scales identified by the green M-Label applied on the calibration mark can be operated immediately.

- **M** Scales calibrated in two steps carry the preceding identification on the label applied to the package.

These scales have already been calibrated (declaration of construction conformity according to EN 45501-8.2) and have to be calibrated again on the working place. This calibration has to be conducted by the certified METTLER TOLEDO Service.

Please contact your METTLER TOLEDO technical service.

Shop scales, used for legal trade are submitted to calibration.

Please respect the current calibration directives in your country.
Safety Instructions

⚠️
Do not use the scale in the proximity of an explosive gas mixture, of vapors, steam, or dust!

Any electrical device, not equipped with a specific "e" type of protection and used in an area with an explosive atmosphere represents an important danger in this environment!

To prevent any accident, only qualified service personnel is authorized to open this device!

⚠️
CAUTION!
DANGER OF EXPLOSION IN CASE OF INPROPER REPLACEMENT OF BATTERY.
DISPOSAL OF USED BATTERIES ACCORDING TO INSTRUCTIONS.

Installation Instructions

In general, your scale is part of a scale network. The installation, leveling and application are handled by METTLER TOLEDO or an authorized dealer. During the introduction you will be comprehensively trained and receive all necessary documentation. Your scale should only be connected to the mains with the power cord supplied.

The water level is used to level your scale. It is fixed at the back of the device. The correct alignment (air bubble has to be in the center of the water level) of the device can be achieved by adjusting the adjustable scale feet. The water level should be checked regularly to assure a correct level reading. When moving the scale, the level should be checked and corrected if necessary.
Product description

General
The UC-GTouch is an expansion of the UC3 range of scales. This expansion consists of a Self-Service scale with a large Touch Screen Display. With the use of a Touch Screen user interface it is possible to also control Self-Service scales from the central office without any limitation; no more need to exchange the paper pictograms!

The previous limitation regarding the amount of available PLU’s on the scale caused by the selected Self-Service keyboard no longer exists. Any amount of PLU’s can be displayed. At the same time, the ergonomic user interface (which realizes the latest Userability Engineering know-how) in combination with the structured desktop and the intelligent search function ensures that the user can find his article fast and reliable at any time.

The user interface can be arranged or rearranged at any time corresponding to the current and personal requirements of the customer. Hence Corporate Design can be realized without any limitation. The UC3-TouchDesigner is a comfortable PC-Tool available for this purpose.

Touch Screen
The UC3-GTouch is delivered with a 18 Bit TFT Touch Screen Display of 10.4". The resolution is 800 x 600 pixels. The Touch Screen functions based on the resistance principle: that means that the function of the UC3-GTouch Touch Screen Display only depends on the applied pressure and not on the material itself; therefore, the Touch Screen can also be operated with rubber gloves.

External Interfaces
The UC3-GTouch is equipped with one Ethernet, two USB, and one serial (COM1) interface as well as one cash drawer interface.

Thermal printer
The UC3-GTouch is equipped with a fast graphic label printer of 2".
Print width: 54mm; Resolution: 432 Dots, 8 Dots/mm; Max. print speed 125 mm/s

Weighing range

<table>
<thead>
<tr>
<th></th>
<th>6kg</th>
<th>15kg</th>
<th>3kg/6kg</th>
<th>6kg/15kg</th>
<th>12kg</th>
<th>30kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduation</td>
<td>2g</td>
<td>5g</td>
<td>1g/2g</td>
<td>2g/5g</td>
<td>2g</td>
<td>5g</td>
</tr>
<tr>
<td>Minimum load*)</td>
<td>40g</td>
<td>100g</td>
<td>20g</td>
<td>40g</td>
<td>40g</td>
<td>100g</td>
</tr>
</tbody>
</table>

*) EC: Printout under minimum load possible, but not for price labelling
# Touch Screen (example of Layout)

<table>
<thead>
<tr>
<th>Net weight</th>
<th>Tare</th>
<th>Unit price</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.000</td>
<td>0.000</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Start**

Place article

Info field

- **Category**
  - Fruit
  - Vegetables
  - Others

Pictures of the category **Fruit (with picture + shelf number)**

Back to start-screen

Pictogram with picture and PLU Number

Next page

Picture of an article in the category **Fruit (with article short name, picture + shelf number)**

Shelf number of the article

Picture of the article

Short name of the article
Maintenance of Self-Service scale

⚠️ Prior to any intervention always pull mains plug from wall outlet.

Cleaning of scale

- Switch off scale and pull mains plug.
- Clean scale with a moist (not wet) cloth.
- Connect mains plug and switch on scale again.

⚠️ Clean scale with a normal detergent only.

Cleaning of print head

- Switch off scale and pull mains plug.
- Open door.
- Press release lever downwards. The print head folds upwards.
- Take off cap from the cleaning pen.
- Clean the front part of the print head with the moist tip of the pen.
- Press print head downwards until it latches again.
- Close cleaning pen with cap.
- Connect mains plug and switch on scale again.

⚠️ For cleaning of the print head only use the included cleaning pen. With other objects the print head could be damaged.

Maintenance of Touch Screen

The Touch Screen requires only little maintenance. For regular cleaning, the use of dry cloths or soft cloths with a neutral detergent (e.g. Ethanol) or a special Touch Screen cleaner is recommended.

⚠️ Please do not use any organic acid or alkaline solutions for cleaning!
Replacement of label roll

- Switch off scale and pull mains plug.
- Open printer door.
- Remove the core of the empty roll.
- Press release lever **downwards**.
  The print head folds upwards.
- Pull wind-up spindle upwards and remove carrier tape.
- Insert new label roll as shown in opposite illustration.
- The leading edge of the paper is on the left side.
- Insert carrier tape in wind-up spindle.
- Pull thermal paper towards front until correct tension is reached.
- Press print head **downwards** until it latches again.
- Press paper feed key until a label is pushed out and correct tension of carrier tape is reached.
- Close printer door.

Instructions concerning thermal papers and thermal labels

The printer of the UC shop scales is a thermal printer. For this thermal printer, you should only use thermal paper or thermal labels from METTLER TOLEDO. These two types of paper have been submitted to a long-time test by Mettler Toledo and then released. They are also approved by the calibration authority to be used on UC shop scales.

If you use thermal paper or thermal labels other than those mentioned above, the print quality and lifetime of the print head risk to be diminished. In such a case, warranty for the thermal printer is void.
Functions in the Self-S. Mode

These functions of the Self-S. mode can only be selected if the weight indication shows "Zero 0.000" or underload "====".

Paper feed

Press weight field and price field subsequently within 0.5 seconds.

Empty label is pushed out; apply for example after change of paper.

Sensor adjustment

Press weight field and info field subsequently within 0.5 seconds.

In case of error messages related to the label.
e.g.: wrong label

Primary tare off/on

Press weight field and tare field subsequently within 0.5 seconds.

Tare is valid for all articles

e.g.: same container.
Non Sales Mode

Press **weight field** and **amount field** subsequently within 0.5 seconds.

Start of the configuration mode

Zero setting

Press **weight field** and **“min/max/e” field** subsequently within 0.5 seconds.

Apply if weight indication of scale does not show **0.000**.

The scale is equipped with an automatic zero setting device which means that small weight modifications are compensated automatically (e.g. rests of grease on the weighing platform). The zero setting device is deactivated if a packaging weight is tared. After cleaning from dirt with the scale switched on, the display can show:

- a negative weight value,
- or underload „l_ _ _ _ _l“.

Solution:
- Zero setting of scale

If the error message appears again:
- Switch the scale off and on again (automatic zero-setting at switch-on).
Operation with symbol keys

- Place goods to weigh on weighing platform
  - The weight is shown on the display.

- Press category key

- Press symbol key
  - The display shows article name, unit price and end price of the article.

- Label is printed
- Remove label and stick it to weighed goods
  - At stable weight of scale.

- Place next goods to weigh on weighing platform
Non Sales Mode

The Non Sales Mode (configuration mode) of the Self-S. mode can only be selected if the weight indication shows “Zero \textbf{0.000}” or underload \textbf{“----”}.

Start Non Sales Mode

- Press \textbf{weight field} and \textbf{amount field} subsequently within 0.5 seconds.

Start of the configuration mode

1. Numerical key 1

Enter code number via keyboard.

2. Asterisk key

Confirm code number
Quick start in a menu

Note:
Every menu has its own number. To start the desired menu, you only need to enter the number of the appropriate menu after login.
**NonSalesMode (- Data maintenance)**

**Article (411)**
create, list, delete

**Quick start with 411:**
In this window you can enter the basic data of an article or modify the data of an existing article.

- **Asterisk key**

- **Enter PLU Nbr.**

- **Left arrow key**

- **PLU Nbr.** max. 6 digits

- **Dept. Nbr.** max. 6 digits; this information is necessary if the new article has to be transmitted to all scales in this department.
Entries tab “Data 2”:

**Short text:** The short form of the article text (max. 20 digits) will be displayed under the pictogram of the article if the short text field is available in the layout of the Touch Screen.

**Purchase price:** Purchase price of article.

**Customer ID:** Shelf number resp. storage location of the article will be displayed under the pictogram of the article if the Customer ID field is available in the layout of the Touch Screen.
Keyboard Touch Self-S. (4+13)
create, modify, delete

Quick start with 4+13:
In this window you can select different Touch Screen Layouts or modify Layouts (add new articles with pictogram, etc.).

- Asterisk key

Layout: Selection of different types of the Touch Screen Layouts.
Category: Selection of category.
Key: Selection as PLU key, forward (forward key) or back (back key) in the selected category.

If this field appears, you can display the available information in the form of a list and select from it with the - key.
Modify keyboard layout

- Select Layout (**default** setting)
- Select category
- Select type of key

In case of a preset key, the appropriate key number must always be entered. Counting mode on the screen is from the top left to the bottom right.

In case of a forward or back key, the side of the screen on which they are located must be entered as well.

<table>
<thead>
<tr>
<th>Layout:</th>
<th>default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category:</td>
<td>fruits</td>
</tr>
<tr>
<td>Button:</td>
<td>Preset</td>
</tr>
</tbody>
</table>

Navigating in the menus:

- *** Asterisk key**
- **Confirm selections**

- **Navigation in the menus.**
- **Up (select)**
- **Down (select)**
- **Change tab**
- **Info list**
- **Call up field of lists**
- **Confirm entries**
Key: PLU key or page change key

Inactive: Mask key

Dept. Nbr.: Entry of department number; with the list of created departments will be displayed.

PLU Nbr.: Entry of PLU number; with the list of PLU’s in the selected department will be displayed.

- Asterisk key
  - Confirm selections
**Article name:**  
(X) TLU  
(X) Short text  
The article name will be displayed.  
A short description of the article will be displayed  
(from the data maintenance Menu 411).  

**Value**  
A modified short description of the article will be assigned to the  
preset key, but not stored in the master data.

**Shelf number:**  
(X) Customer ID  
The shelf number of the article will be displayed  
(from the data maintenance Menu 411).  

**Value**  
A modified shelf number of the article will be assigned to the  
preset key, but not stored in the master data.

**Picture:**  
(X) Standard  
The picture assigned to the article in the master data will be  
displayed.  

**Value**  
A modified article picture will be assigned to the preset key, but  
not stored in the master data.

📍 If this field appears, you can display the available information in the form of a list and select  
from it with the key.
NonSalesMode (- Reports)

Intermediate turnovers (51)

Quick start with 51;
In this window you can select different intermediate turnover reports. They will then be printed on the internal printer.

Vx/Scale report; Department report; Article report and article groups report

- Asterisk key  

- Enter number  

- Asterisk key
Vx/Scale report

- Asterisk key

Department report

- Asterisk key

Navigation in the menus.

- Up (select)
- Down (select)
- Code
- Change tab
- Space
- Highlight
- Confirm entries
**Article report**

![Article report interface]

- **all departments:** article turnover from all departments.
- **Dept. Nbr.:** article turnover from one department.
- **all articles:** turnover of all articles.
- **PLU Nbr. Begin:** report from department.
- **PLU Nbr. End:** report to department.

- **Asterisk key: ** Confirm; the article report will be printed.

- **For one PLU:** enter same PLU number at Begin and End.

**Article groups report**

![Article groups report interface]

- **all departments:** article groups turnover from all departments.
- **Dept. Nbr.:** article groups turnover from one department.
- **all article groups:** turnover of all article groups.
- **AtGp. Nbr. Begin:** report from article group.
- **AtGp. Nbr. End:** report to article group.

- **Asterisk key: ** Confirm; the article groups report will be printed.

- **For one article group:** enter same article group number at Begin and End.
Turnovers (52)

Quick start with 52;
In this window you can select different turnover reports. They will then be printed on the internal printer.

Vx/Scale report; Department report; Article report and article groups report

- Asterisk key

Enter number

Selection of turnover layer:
Layer 1, 2, 3 or 4

- Asterisk key

confirm
Vx/Scale report

With [*] the report will be created or printed.

- Asterisk key

Confirm; the Vx/Scale report will be printed.

Department report

With [*] the report will be created or printed.

- Asterisk key

Confirm; the department report will be printed.

Navigation in the menus

up (select)  change tab  space  highlight

down (select)  code  confirm entries
Article report

• Asterisk key
  Confirm; the **article report** will be printed.

Article groups report

• Asterisk key
  Confirm; the **article groups report** will be printed.

Clear turnover layer

QUIT Quit turnover menu with the **mode** - key.

The following messages will be displayed subsequently:

<table>
<thead>
<tr>
<th>Question</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do you want to delete the turnover layer? [Mode][*]</td>
<td>Do you want to delete the TAF? [Mode][*]</td>
</tr>
</tbody>
</table>

Confirm with the **[*]** - key;
the selected turnover level and the TAF will be deleted.
NonSalesMode (- configuration)

Configuration-Self-Service - Layout(824)

Quick start with 824:
In this window you can select an available Touch Screen Layout.

- Asterisk key .confirm
An entry field with the current configuration file appears.

- Asterisk key  Select with the scroll keys and confirm.

†  Info If this field appears, you can display the available information in the form of a list and select from it with the † key.
To protect your METTLER TOLEDO product’s future: METTLER TOLEDO Service assures you of quality, measuring accuracy and preservation of value of the METTLER TOLEDO products for years to come. Please ask for details on our attractive Service Offer. Thank you.

Subject to technical modifications and modifications in the extent of supply of accessories.