GARVENS
Checkweighing

X-Series System Manual Part 5:

Information for administrators

METTLER TOLEDO

Version check:

Version No.	Date
Version 3.0	April 2011
Version 2.0	October 2007

Mettler-Toledo Garvens GmbH

Kampstrasse 7
31180 Giesen OT Hasede
GERMANY

Phone: +49 5121-933-0
Fax: +49 5121-933-456
ServiceLine: +49 5121-933-160
Service e-mail: service.garvens@mt.com

Table of Contents

1 Access code conventions

Administrators and other users with corresponding authorizations can specify or change the conventions for passwords:

- Minimum length of the password for a user profile
- Failed logins
- Period for the automatic logoff
- Period after whose expiry the password has to be changed
- Permission for changing the password

Every convention can be activated separately for each user profile.

Example If for example the password minimum length is activated for the "Supervisor" user profile, the password of every user with this user profile has to fulfill the specified minimum length. If on the other hand the function for the "Supervisor" user profile is deactivated, the length of the password is irrelevant for users with this user profile.

All five conventions are set and activated in the **Edit profiles** screen :

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Setup – Users – Edit Profiles**.

The following screen is displayed:

The status field next to the respective convention shows the activation states:

	Convention is activated, parameter can be edited
	Convention is activated, but not selected
	Activation state is changed but not yet accepted
	Convention is not activated

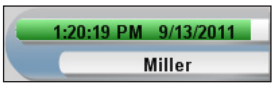
1.1 Automatic logoff

This convention prevents unauthorized use for the case that a user has forgotten to log off.

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Setup – Users – Edit Profiles**.
3. Activate the convention **Auto Logoff**.
4. Enter the number of minutes after whose expiry a user is logged off automatically.

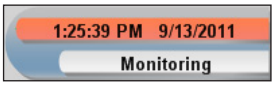
When this convention is activated, the residual time for usage is set to the duration specified for the user profile after a successful login and is reduced in a seconds cycle. The remaining time is symbolized by a green progress bar in the status section of the basic screen:



During the last 30 seconds the number of remaining seconds is displayed:

Note
Every touching of the touch screen (navigation, entry, selection) resets the residual time back to the value set in the user profile.

After the residual time has expired the system logs the user off automatically and returns to the **monitoring mode**:



Note
The period can be set relatively high for users with the User profile, while shorter periods should rather be selected for profiles with wide-reaching authorizations such as the "Supervisor" or "Operations manager".

1.2 Failed logins

This convention ensures that users without a valid password cannot obtain access to the system through trial and error.

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Setup – Users – Edit Profiles**.
3. Activate the convention **Failed Logins**.
4. Enter the number of tolerated attempts before a user is blocked.

For each user profile a number of attempts can be specified which the user has in order to log into the system. When the convention is active and the specified number of attempts is exceeded, the user is disabled and can only be enabled again by an Administrator or a user with corresponding authorizations.

1.3 Minimum length for passwords

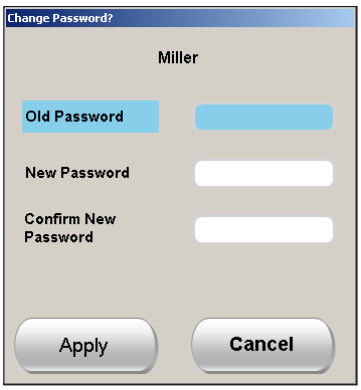
A minimum number of characters can be specified in the system for passwords of a specific user profile in order to ensure that passwords are not empty (without input) or too short.

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Setup – Users – Edit Profiles**.
3. Activate the convention **Min Password**.
4. Enter the minimum number of characters that a password must have.

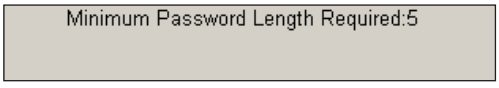
When this convention is active, the system checks during the login with the old password whether the password has the minimum length specified for the user profile. If this is not the case, the following message is displayed:

After confirmation of this message with **OK** the system changes to the dialog for changing passwords:



The user has to consecutively enter the old password, the new password and once more the new password for confirmation.

If the password is too short, an error message is displayed that specifies the required number of characters:



Note
If the number of characters for the password of a user profile is increased, the allocated users have to change their passwords.

1.4 Password Expiration

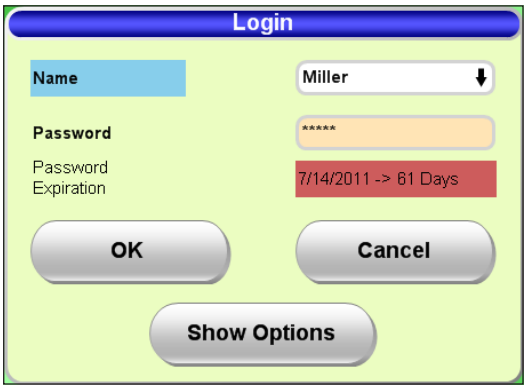
This convention ensures that passwords lose their validity after a specified period and have to be changed.

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Setup – Users – Edit Profiles**.
3. Activate the convention **Password Expiration**.
4. Enter the number of days after which the password loses its validity.

When this convention is activated, the date of the first successful login with a new password is saved. This date is used as the reference date for the period until the password expires.

If the remaining period amounts to less that ten days, a corresponding message is displayed in the login dialog:



The user has to change his password within the displayed period, five days in the example.

If the password is not changed within the specified period, the user is disabled during the next attempt to log in after this period has expired and can only be enabled again by an Administrator or a user with corresponding authorizations.

2 Touch screen calibration

The touch screen has to be recalibrated after the following components have been replaced:

- IPC module
- Display unit
- Compact flash card (CF card)

These instructions show a touch screen calibration using a checkweigher with a 15" touch screen as an example.

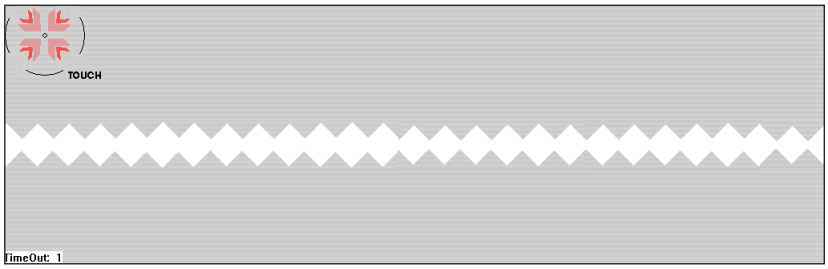
Aids

- External USB or PS2 keyboard
- Stylus with soft tip (recommended)

1. Connect the external keyboard.
2. If the checkweigher is in a different screen, touch 

to change to the **basic screen**.
3. On the external keyboard press and keep pressed the **Alt** key as long as you then enter the following four characters: **T C A L**.

The following screen is displayed:

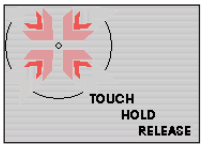


Note
Calibration has to be begun within ten seconds (counter at the bottom left). If the time expires beforehand, restart with Step three.

4. Tap with the stylus in the center of the pulsing circle symbol and hold it there.

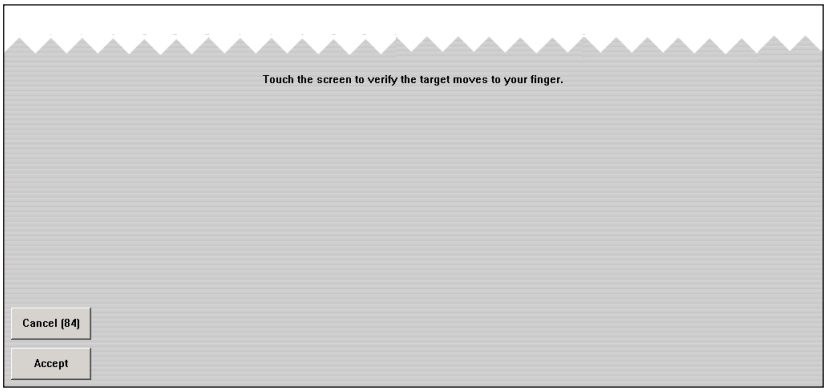
   The text **TOUCH** is then replaced by **HOLD**.

   After the calibration value has been determined for this point, **RELEASE** is displayed.



5. Remove the stylus from this point.
6. Repeat the procedure in the other three corners of the screen.

   After you have completed this procedure in all four corners of the screen, two command buttons are displayed at the bottom left and a central information at the top.



7. Test whether calibration of the touch screen was successful by touching positions freely on the screen.

Note

You have 100 seconds time for the test. However, you can cancel the calibration at any time beforehand by using Cancel (84) or confirm the success with Accept.

A slight deviation is acceptable as long as it occurs to the same degree everywhere.

Troubleshooting

- If a keyboard plugged in during operation is not recognized automatically (no reaction to entries), restart the checkweigher with the keyboard plugged in.
- If the calibration screen does not open after **Alt** + **T C A L** has been entered, press the **Esc** key once and try again.

3 Changing the IP address

If you want to change the IP address of the checkweigher, please contact the ServiceLine.

If necessary, the corresponding instructions can be made available.

4 Carrying out an approval test simulation (only for certified checkweighers)

With the approval test simulation you can check whether the limits relevant for approval are still observed. If the calibration value determined differs from the calibration value of the first approval or of the last approval, renewed approval has to be carried out.

Note
This screen is only available for users with a corresponding authorization.

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Production Data – Approval Test**.

The following screen is displayed:

3. Make the number of required test packs available.
4. Touch 

.

   After the test packs have passed through the result of the approval test simulation is displayed.
5. If necessary, have renewed approval carried out.

5 Display of the limits for the MID conformity assessment

(only for certified checkweighers)

In this screen the values that were found during the initial verification for the checkweigher in the declaration of conformity in accordance with 2004/22/EC are compared with those values that were calculated in the course of an inspection.

Note
This screen is only available for users with a corresponding authorization.

1. Touch the menu button 

in the **basic screen**.
2. Select the menu items **Production Data – MID OIML Info**.

The following screen is displayed: