EILERSEN QUICK GUIDE FOR 5024G/5026G TERMINAL

June 2026

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How to unlock system parameters?

- Parameters cannot be changed, and actions not performed when the system is powered **ON**. Before such operations are possible the parameters must be unlocked
- The status automatically returns to **LOCKED** after 5 minutes without keyboard activity in **NORMAL** screen or when the terminal is power-cycled.

- Press [F] to invoke the menu system.
- Press [↓] to highlight the **SERVICE MODE** menu item.
- Press [↵] to select the **SETUP** screen.
- Press [F] to invoke the menu where the **SYSTEM** menu item is highlighted
- Press [↵] to select the **SYSTEM** screen.
- Press [↓] to highlight the **Parameters** entry.
- Press [↵] to select the **ENTER UNLOCK PARAM** parameter entry.
- Enter the password 1357 and press [↵]. Parameters are now unlocked

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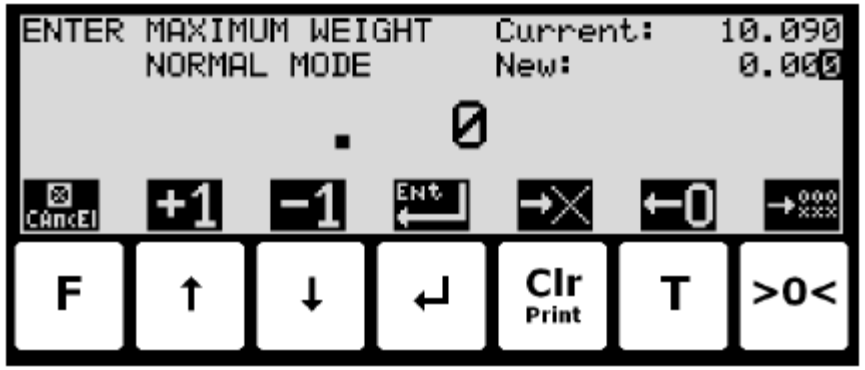
How to input password?



- **1357** is the password that will unlock the parameters.
- Digits are entered left to right
- Use the [T] button to move to the position (to the right).

The keys can be used as follows:

[F]	Abort the entry without change of parameter.
[↑]	Increase the value of the digit currently being entered (digit to the right).
[↓]	Decrease the value of the digit currently being entered (digit to the right).
[↵]	Accept the entered value as the new desired value.
[Clr]	Delete rightmost digit and moves all remaining digits one position to the right.
[T]	Move digits one position to the left and inserts a zero on the rightmost position. This new digit can subsequently be changed using [↑] and [↓].
[>0<]	Clears all entered digits setting them to zero as if the data entry screen has just been entered.

When entering a value the digits are entered left to right. This means that leftmost digit is entered first. The active digit is changed by [↑] and [↓]. When the correct value is entered press [T] to advance to the next digit. If an error is made, press [Clr] to return to the previous digit. When the complete value is entered press [↵] to accept it. To abort without any changes press [F].

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How to calibrate an Eilersen system?

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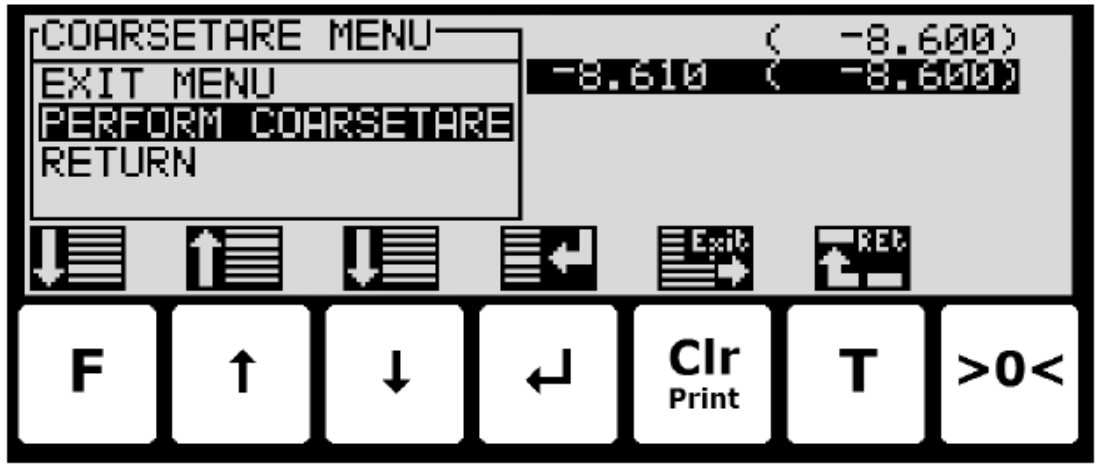
How to Set Coarse Taring?

Coarse Taring removes any existing load in the system and should only be done when the system is empty!



– Perform coarse taring

To coarse tare the system follow these steps:

- Use the screens and menu system to select the **COARSETARE** screen.
- Press [F] to invoke the **COARSETARE** menu.
- Press [↓] to select the **PERFORM COARSETARE** menu item.
- Press [↵] to perform a coarse tare.

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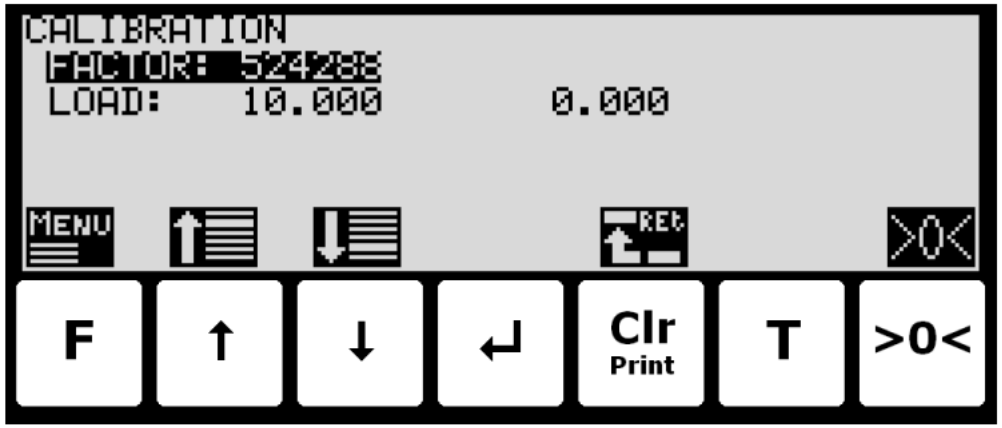
How to calibrate a system

A common system calibration can be done from the **CALIBRATION** screen.

The actual mass of the load used for calibration must be specified in the **CALIBRATION** screen before calibration is performed.



Perform calibration

It is possible to calibrate the system by performing the following calibration procedure:

- Ensure the weighing scale is has been coarse tared.
- Ensure the weighing scale is empty and clean.
- [>0<] Press once to zero the gross reading of the empty weighing scale.
- [↓] Press repeatedly until "LOAD" parameter is selected with the cursor.
- [↵] Press once to start entry of the actual calibration load if necessary.
- Place the load on the weighing arrangement. The gross weight of the load displayed to the far right in the **LOAD** line will now be inside +/- 10% of the correct reading. If this isn't the case the mechanical and electrical installation must be checked. Furthermore all weighing range parameters must be checked again.
- [F] Press once to select the **CALIBRATE** menu.
- [↓] Press once to select the "PERFORM CALIBRATION" entry from the **CALIBRATE** menu.
- [↵] Press once to perform the calibration.
- The gross weight shown in the display will now match the used calibration load and the calibration factor will have been updated correspondingly.

Please notice: The accuracy of the calibration is highly dependent on the accuracy and size of the calibration load. Please select a load with a mass not less than the maximum weight normally applied to the system.

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How to check and set up an Eilersen system?

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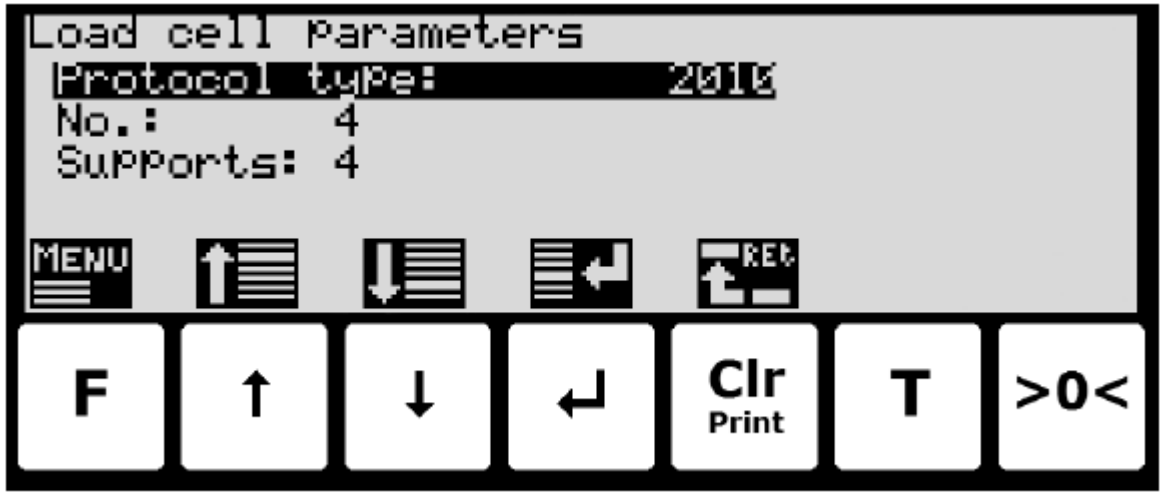
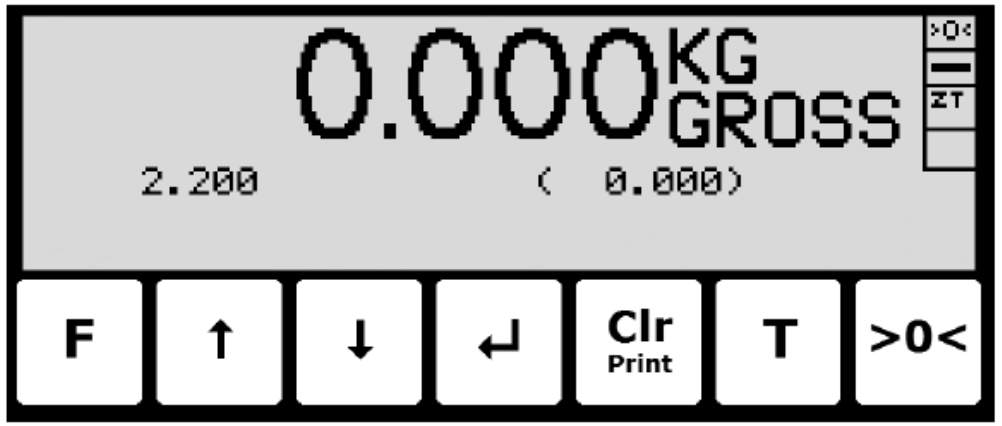
How to Check the # of Load Cells & Supports?

To set up the load cell communication protocol type, number of load cells and supports please follow these steps:

- From the **NORMAL** screen select the **SERVICE MODE** menu item to reach the **SETUP** screen.
- From the **SETUP** screen select the **WEIGHING** menu item to reach the **SETUP WEIGHING** screen.
- From the **SETUP WEIGHING** screen select the **LOAD CELLS** menu item to reach the **Load cell parameters** screen.
- Enter the correct values for load cell communication protocol type, number of load cells and supports, or detect this automatically from the menu.
- **Please notice:** The terminal must be power-cycled and the load cells must be connected before changes take effect!



NORMAL SCREEN



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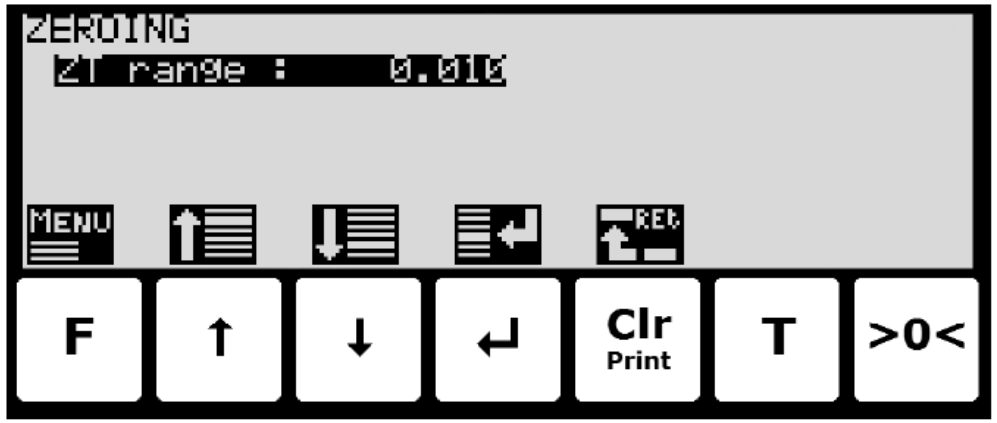
What is Zero Tracking & How Do you Set it?

- Zero Tracking is a method to allow the unit to automatically zero the scale any time it is within the auto zero tolerance
- Navigate to the ZEROING screen
- Set ZERO TRACKING parameter to desired value

– Configure zero tracking

To configure the zero tracking range, select the **ZEROING** screen:



SAMPLE SCENARIOS

Zero Tracking Setting (KG)	Sample Weight (KG)	Measured Weight (KG)
0.010	0.005	0.000
	0.020	0.020
	0.035	0.040
0.100	0.005	0.000
	0.025	0.000
	0.070	0.100
1.000	0.005	0.000
	0.400	0.000
	0.800	1.000

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Entering New Parameter Values

Complete the following steps to enter a new parameter value

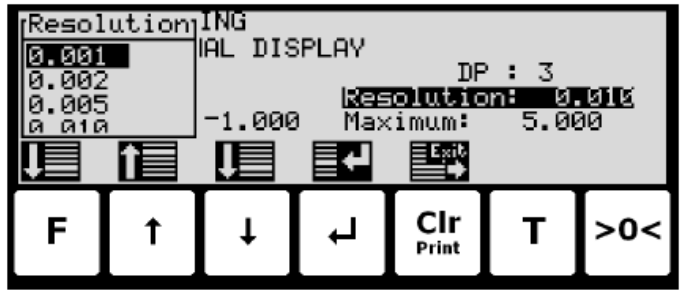
– Enter values

Perform these steps to enter a new parameter value:

- Unlock parameters as described in the above section.
- Use the menus to select the screen where the value is displayed.
- Use ↑ and/or ↓ to highlight the parameter.
- Press ↵ to start entering a new value.

Entry using selection list

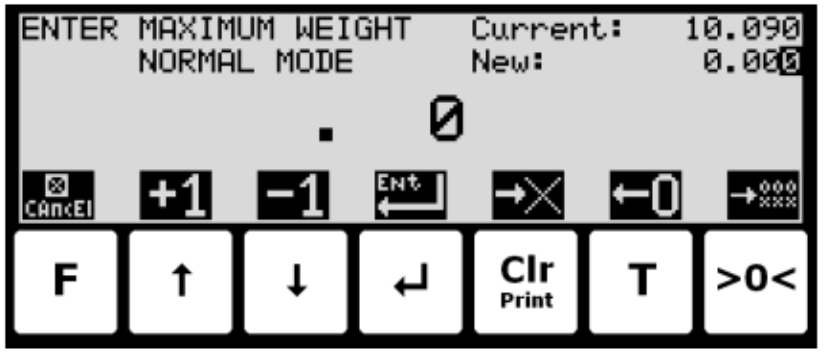
Some parameters (such as resolution and decimal point position) are entered using a selection list. When change of this type of parameter is requested, a special pull-down menu will appear with a list of possible values as shown:



The keys can be used as follows:

F	Move the cursor down in this selection list.
↑	Move the cursor up in this selection list.
↓	Move the cursor down in this selection list.
↵	Accept the selected/marked value as the new desired value.
Clr Print	Abort the entry without change of parameter. This can also be done by selecting the "CANCEL" entry form the selection list.

Example: Changing Max Weight from 10.000 to 10.090



The screen shown above appears once change of maximum weight is requested from the **SETUP WEIGHING** screen by moving the cursor using ↑ and ↓ so the "Maximum" weight parameter is selected and then pressing ↵.

In order to change the "Maximum" weight parameter to 10.090 perform the following:

↑	Press once until	" . 1" is shown in the display.
T	Press three times until	" 1.000" is shown in the display.
↓	Press once until	" 1.009" is shown in the display.
T	Press once until	" 10.090" is shown in the display.
↵	Press to accept	" 10.090" as the new desired value.

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