KOBASTAR
INDUSTRIAL WEIGHING SYSTEM

USER MANUAL

ENGLISH

K200 WEIGHING INDICATOR

20 Recipes - 20 Ingredients - 20 Barns

Version: 1.00
June 2025
Made in TÜRKİYE

CONTENTS

Regarding usage

CONTENTS

Regarding usage

1. Security Measures

Please read the following safety instructions carefully before using the device. Failure to follow these instructions may result in damage to the device, compromise system security, or endanger the user.

1.1 Application Environment

• Use the device in environments suitable for the temperature, humidity, and environmental conditions specified in the technical specifications.
• Avoid environments that are dusty, humid, or contain explosive gases, or that are exposed to direct sunlight.
• Always disconnect the power supply before accessing the interior of the device. Do not open the device cover while the power is on.

1.2 Cabling

• Weight signal (load cell) and communication cables must be laid in a separate line away from sources of interference.
• Do not route these cables through the same pipe or channel as high-vol tage power cables.
• Ensure that grounding connections are properly made.
Improper grounding can affect device performance.

1.3 Feeding

• Before powering the device, make sure that your power source is stable and has the correct voltage.
• After connecting the power cord, turn on the device.
• To protect against sudden voltage changes, we recommend using a UPS (uninterruptible power supply).

1. Security Measures

Please read the following safety instructions carefully before using the device. Failure to follow these instructions may result in damage to the device, compromise system security, or endanger the user.

1.4 Environmental Protection

• Install the device so that it does not come into contact with water, oil, dust, or chemicals.
• If the device is to be used in a humid environment, it must be placed in a suitable panel.
• Ensure that the device is properly ventilated in industrial environments; excessive heat can reduce the service life of the device.

1.5 Unauthorized Intervention

• Only authorized service personnel should perform operations on the device.
• Unauthorized interference with the internal circuits of the device may void the warranty.
• The user should only make external connections as specified in the manual.

2. General Definition

The K-200 model indicator is a high-precision device specially designed for industrial weighing applications. Thanks to its advanced filtering algorithms, it is minimally affected by environmental vibrations and mechanical oscillations, providing reliable and stable measurements even under harsh working conditions such as moving platforms, trailers, and feed mixing machines.

Advanced Recipe and Barn Management Feature
The device's memory can store up to 20 different recipes, with 20 separate products and up to 20 barns per recipe. This feature provides significant convenience, especially for feed preparation and distribution systems.
Users can create feeding recipes specific to animal groups, easily monitor historical data, and save time and labor thanks to the reusable data structure.

Rich Connection Options
With its flexible connection infrastructure, the K-200 can be easily integrated into all systems in the field:

- 2 x RS232 ports: For printer and external display connections
- 1 x Siren output: For audible alerts such as full weighing or error conditions
- Optional WiFi and USB: For wireless connectivity and easy data transfer

Key Features:
- High accuracy and stability
- Compact and robust design
- Intuitive user interface and menu structure
- Multi-language support (optional)

2.1 General Features

2.1.1 Screen		
LCD Display	:	16 Segment 5 Digit, 2.4" TFT screen
Display Range	:	-9,999 ~ +99,999
Weighing Capacity	:	1 ~ 99,999
Division	:	0.001/0.002/.../100
2.1.2 Keypad		
Number of buttons	:	10 Numeric, 16 Function
Function	:	Suitable for menu and shortcut operations
2.1.3 Weight Signal Interface		
ADC	:	8 x 350Ω load cell support
ADC Type	:	24-bit Σ-Δ High-Precision ADC
Ex. Frequencies	:	6 / 12 / ... / 3200 Hz
Digital Filtering	:	5-stage filter Vibration-reducing algorithm
2.1.4 Inputs		
Digital Inputs	:	1 Siren Input
2.1.5 Digital Communication Interfaces		
2x RS232	:	Serial com. for external display & printer
USB Port (Optional)	:	USB format support
Wi-Fi Module (Optional)	:	2.4GHz Wi-Fi support
2.1.6 Work Features		
Operating Voltage	:	9-30VDC Power Supply Input
EMC Design	:	High noise immunity
Reset & Calibration	:	Power-on reset, Automatic reset

2.1.7 About the Button

	To turn on the device, connect it to a power source and press and hold the power button for 1 second. When the power button is held down for long enough, the device will automatically turn on and start working. After the device is turned on, pressing the power button turns the device off. *Note: Pressing the power button briefly is not sufficient to turn the device on or off; please observe the specified time.*
	This button is used to access the Weighing, Parameters, Barn, Modes, Recipe, and Settings menu parameters of the device.
	This button is used to exit any menu or mode.
	This button is used to print from the device.
	This button is used to lock the current weight value on the device and ensure that the weight displayed on the screen remains constant. After the hold feature is activated, pressing the button again for 1 second will deactivate the hold function and the device will continue to update the weight value.
	Used for the process of taking a tare.
	Used for the zeroing process.

2.1.7 About the Button

	This button is used to quickly access the device's Auto Fill Mode.
	This button is used to quickly access the device's Automatic Emptying Mode
	This button is used to adjust the backlight level of the device. There are 5 different light levels in total.
	This button is used to retrieve a value that has been written or entered on the device.
	The arrow keys are used to navigate between the menus of the device.
	This button is used to enter the selected menu or parameter and confirm the changes made. After selecting the menu or value, press the Enter button to complete the selection and apply the set parameter. *Note: Settings made without pressing the Enter button will not be valid.*
	Numeric keys are used to enter values on the device. The user can enter the required values directly in the menu or parameter entries using these keys.

3. Calibration Menu (Weighing)

K-200 Load calibration consists of zero calibration, data calibration, coefficient calibration, and percentage calibration steps. If any of the calibration steps are performed incorrectly, the device will malfunction.

You can switch between calibration steps using the arrow keys. Press **ENTER** to access the menu displayed on the screen.

3.1 Load Calibration

After checking the device connections, turn on the device and press **ENTER** to enter the menu. **ENTER** the menu labeled “Weighing” using the admin password.

3.2.1. Unit Selection

Enter the UNIT menu, and the current unit type of the device will appear on the screen. Use the arrow keys to select the desired unit from the unit list. The units supported by the K-200 are as follows.

g ➤ Gram , **Kg** ➤ Kilogram , **T** ➤ Ton , **N** ➤ Newton ,
kN ➤ KiloNewton, **Lbs** ➤ Pound

Make sure that the unit you select is correct, as it will directly affect the values in the other steps of the calibration. If you do not want to change the unit, exit the menu using the ESC key. When you cancel or do not change a selection, CANCEL will appear on the screen, and when you confirm the selection, DONE will appear.

3.2.2 Capacity Adjustment

When you enter the Scale Capacity menu, the device's current capacity value is displayed on the screen and the last digit starts flashing.

- The desired capacity value is entered using the numeric keypad by pressing the login **ENTER** key.
- If an incorrect capacity is entered, you can delete it by pressing the **CLEAR** key.
- After entering the desired capacity value, you can save the setting by pressing the login **ENTER** key.

When "CANCEL" appears on the screen, this indicates that the process has been canceled. When the setting is confirmed, "done" appears on the screen.

3.2.3 Partition Setting

The Division MAX menu is used to determine the level of precision with which the device displays measurement results on the screen. This setting defines how many times the selected unit (e.g., kilograms) is displayed on the screen. This allows the user to work with more precise or rounded values as needed.

Display Sensitivity Setting

Menu Entry:

When you select Division MAX from the weighing menu, the current accuracy value stored in the device is displayed on the screen with a blue bar.

3. Calibration Menu (Weighing)

Sample Application

- Unit: Kilogram (kg)
- Capacity: 30 kg
- Actual Weight: 25.303 kg (25303 grams)

The table below shows how different division (accuracy) values appear on the display for the same load;

Allocation Value	Value on Screen	Allocation Value	Value on Screen
0.001	25.303 kg	0.5	25.4 kg
0.002	25.302 kg	1	25 kg
0.005	25.305 kg	2	25 kg
0.01	25.30 kg	5	25 kg
0.02	25.30 kg	10	20 kg
0.05	25.30 kg	20	20 kg
0.1	25.3 kg	50	50 kg / 0 kg
0.2	25.3 kg	100	0 kg

As the resolution value increases, the display accuracy decreases. A lower resolution value provides a more accurate and detailed display, but the screen response may slow down.

Changing Settings

- Arrow Keys: Changes the current sensitivity option.

After selecting the desired value:

ENTER key : Saves the selection. The word "dONE" appears on the screen.

ESC key: Exit without making any changes. The message "CANCEL" appears on the screen.

Recommendation: For precise measurements, values between 0.001 and 0.01 should be preferred; for general use, values between 0.05 and 0.5 should be preferred; and for rough measurements, values between 2 and 20 should be preferred.

3.4 Loaded Calibration

Loaded calibration is performed to ensure that the device measures correctly according to the reference weight. During this process, a known weight is placed on the platform and the device calibrates based on this value.

Loaded Calibration Steps

1. Accessing the Load Calibration Menu:

Go to the weighing menu and select Load Calibration.

2. Start Zero Calibration:

If the device is being calibrated for the first time, it must first be →**0**← **(zero)** calibrated.

I. After entering the Load Calibration menu, the device first switches to zero calibration mode. At this stage, there should be no weight on the calibration platform.

II. With the platform empty, press the login →]**ENTER** key and wait for the calibration progress bar on the screen to fill up.

Note: If zero calibration has already been performed, you can skip this step by pressing the ESC button.

3. Reference Load Placement:

I. After the calibration rod is filled, the device will automatically switch to load calibration mode.

II. At this stage, carefully place a reference weight of known weight on the platform.

3. Calibration Menu (Weighing)

4. Start Calibration:

After placing the reference weight, press the →]**ENTER** key.

5. Enter Load Value:

On the screen that opens, enter the reference weight value and then press →]**ENTER** again to confirm.

Numeric Keys: Enter the reference weight value.

6. Incorrect Entry Status:

If you enter an incorrect value, press the ⌫**CLEAR** button to delete the incorrect value.

7. Save and Confirm:

If the entered value is correct, press →]**ENTER** to save the calibration data. Then, the message “Selection confirmed” appears. This indicates that the process has been successfully completed.

⚠ *Warning: Only the reference load should be on the platform during the calibration process. Extra weight or external interference may compromise calibration accuracy.*

3.5 Weightless Calibration

In order for the device to measure correctly, the weight-free calibration process must be performed completely. The following steps must be followed in order.

Note: Before starting weightless calibration, the Calibration Parameters must be set completely and correctly.

Weightless Calibration Steps

1. Accessing the MV Calibration Menu:

To perform MV calibration, enter the Weighing menu from the device menu and then select the MV Calibration parameter. Follow the steps on the screen in order and enter the required values completely and correctly.

Note: There should be no weight on the device when starting the MV calibration process.

2. Capacity Value Check:

After completing zero calibration, make sure that the following capacity values are entered correctly:

- LC Capacity: Load cell capacity
- Number of LC: Enter the total number of load cells connected to the system.

3. Calibration Menu (Weighing)

Incorrect entry of these values will prevent the device from calibrating correctly.

After completing these steps, press **ENTER** to save the values.

After reading the warnings on the page that opens, press **ENTER**. Once the reset process is complete, enter the mV/V value (millivolt/volt) indicated on the load cell in the Input MV Value section.
[For example: 2,000 mV/V]

3. Complete Calibration:
After entering the mV/V value correctly, press the **ENTER** key.
This completes the sensitivity adjustment (MV calibration) according to the load cell of the device.

4. Return to Main Menu:
After completing the calibration procedures, press the ESC key to return to the main menu.

⚠ *Warning: During calibration procedures, the device must be placed on a stable surface and protected from environmental factors (vibration, air currents, etc.). Otherwise, calibration accuracy may be compromised.*

3. Calibration Menu (Weighing)

3.6 Coefficient Calibration

The coefficient calibration process must be performed correctly to ensure that the device measures accurately. The following steps must be followed in order.

Note: Before starting coefficient calibration, the Calibration Parameters must be set completely and correctly.

Coefficient Calibration Steps

1. Accessing the Coefficient Calibration Menu:

To perform coefficient calibration, enter the Weighing menu from the device menu and then select the Coefficient Calibration parameter. Follow the steps on the screen in order and enter the desired values completely and correctly.

Note: There should be no weight on the device when starting the coefficient calibration process.

2. Zero Setting:

After completing zero calibration, make sure that the following Coefficient value is entered correctly:

After completing these steps, press **ENTER** to save the values.

After reading the warnings on the page that opens, press **ENTER**. Once the reset process is complete, enter the coefficient value in the Input Coefficient Value section.

For example: 2000

3. Complete Calibration:

After entering the coefficient value correctly, press the **ENTER** key. This completes the coefficient calibration according to the load cell of the device.

Return to Main Menu:

After completing the calibration procedures, press the ESC key to return to the main menu.

3.7 Percentage Calibration

Percentage Calibration (Calibration Adjustment) Process

If any adjustments need to be made during calibration of the device, this is done via the Percentage Calibration parameter.

Process Steps:

1.Accessing the Calibration Correction Menu:

Enter the Percentage Calibration parameter from the device menu.

2.Value Reduction Process:

To decrease the calibration value, press the Left Arrow (◄) key. Then enter the value to be decreased in percent (%).

3.Value Enhancement Process:

To increase the calibration value, press the Right Arrow (►) key. Then enter the value to be increased as a percentage (%).

Example:

For example, if a weight value measured on the device is 100 kg but the actual weight is 110 kg, the calibration value must be increased by 10%.

Note: Percentage calibration must be carefully adjusted according to the sensitivity of the device and the measurements taken. Incorrect settings may affect the weighing accuracy of the device.

3. Calibration Menu (Weighing)

3.5 Zero Calibration

The zero calibration procedure must be performed correctly to ensure that the device measures accurately. The following steps must be followed in order.

Process Steps:

- **Accessing the Zero Calibration Menu:**

1- Enter the Zero Calibration parameter from the Weighing menu of the device.

2- Make sure that there is no load on the device. Then, press the **ENTER** key to start the zero calibration process.

3- Once zero calibration is complete, you can exit by pressing the ESC key.

Not: *Sıfır kalibrasyonuna başlamadan önce Tartım yapılacak platformun üzerinde herhangi bir ağırlık bulunmaması gerekmektedir.*

4. Parameter Menu

The Parameter Menu is where you can adjust various settings related to measurement and reset of the device. With the settings in this menu, you can customize functions such as the device's reset behavior, measurement speed, and filtering level. Each parameter is explained in detail below.

4.1 Baud rate

- Specifies the communication speed to be used for the RS232 protocol.
- Available baud rate options may vary depending on the device software (e.g., 2400, 4800, 9600, 19200, etc.).

4.2 Filter

Tartım sırasında oluşabilecek ani dalgalanmaları filtrelemek için kullanılan bu özellik, cihazın tepkilerini yavaşlatarak ölçümlerde daha fazla kararlılık sağlar. Filtre seviyesi arttıkça cihazın tepki süresi yavaşlar, ancak tartım daha stabil hale gelir.

Filter Stages:

0 (Fastest) → 5 (Slowest and most stable)

- Level 0: Fast response, low stability.
- Level 5: Slow response, high stability.

These parameters allow you to configure your device to deliver the best performance for your application. When making adjustments, it is recommended that you select settings based on your operating conditions and the required level of accuracy.

4.3 SPS (Measurement Speed)

This setting determines the number of samples per second and controls the data collection speed of the device. As the SPS (Samples Per Second) value increases, the weighing speed increases; however, this may adversely affect the stability of the device.

Adjustable values:

6 Hz, 12 Hz, 25 Hz, 50 Hz, 100 Hz, 200 Hz, 400 Hz, 800 Hz, 1600 Hz, 3200 Hz

- Low SPS: More stable but slower weighing.
- High SPS: Faster but less stable weighing.

4.5 Power-On Zero
When this feature is enabled, the device performs an automatic zeroing process once at each startup, within the specified zero tracking limits.

- **YES:** The reset feature is enabled at startup.
- **NO :** The reset feature is disabled at startup.

This setting allows the device to automatically determine the zero point when it is turned on, ensuring consistency in weighing operations.

4.6 Zero Tracking
This parameter determines the maximum weight limit at which the device will automatically reset. This feature eliminates the effect of small weight fluctuations on the zero point, enabling more stable measurements.

Adjustable values:
1e, 2e, 3e, 4e, 5e, 6e, 7e, 8e, 9e, 10e
These values indicate the maximum weight change that the device can accept at zero point (e: unit weight determined according to the accuracy class of the device).

4.7 RS232 Mode
This section is used to specify the parameter that determines the format in which the device will send data via the RS232 port.

There are two different data transmission modes:
1. External Display
When this mode is selected, the device sends data in a format suitable for an external display via the RS232 port.

2.Continuous Mode
This mode is used in applications where the device needs to continuously send data (e.g., computers or data collection systems). When Continuous Mode is enabled, the device regularly transmits weighing data at specified intervals.

Note: Mode selection should be made according to the user's needs and the system to which the device is connected.

4. Parameter Menu

4.8 WIFI Settings
This menu is used to configure the device's Wi-Fi connection settings.

Wi-Fi mode is an optional feature that allows the device to connect to wireless networks or transmit data. The parameters required for the device to connect to Wi-Fi networks (SSID, password, etc.) can be configured via this menu.

Note: This feature can be enabled if your device has a Wi-Fi module.

5. Barn

5. Barn Menü
In this menu, 20 barns can be defined.

1. Press the MENU button to access the main menu.
2. Use the arrow keys to navigate to the “Barn” menu.
3. You will see a list of barns numbered from 1 to 20.
4. The number of barns is initially displayed as “=0” opposite each barn.
5. Select the barn you want to edit using the arrow keys and press **ENTER**.
6. Enter the number of animals in the barn you want to update using the numeric keys in the “0” field in the blue box at the bottom of the screen and press **ENTER**. The updated value will appear on the screen.
7. After updating all or single barn information, the system automatically saves the changes.
8. After completing the process, press the ESC key to exit.

6. Modes

6. Modes Menü

This menu contains a total of 4 fillings.

Steps for Setting the Fill Mode

1. Press the MENU button to access the main menu.
2. Use the arrow keys to navigate to the “Modes” menu.
3. Press the **ENTER** key to enter the mode menu.
4. Use the arrow keys to select “LOADING.”
5. Press the **ENTER** key.
6. The message “Enter the number of animals for the loading mode” will appear on the screen.
7. Enter the number of animals to be filled in the blue box at the bottom using the numeric keys and press **ENTER**.
8. A list of 20 previously defined prescriptions will be displayed.
9. Use the arrow keys to select the desired prescription and press **ENTER** to start the dispensing process.
10. Based on the selected prescription and the number of animals entered, the total weight to be loaded will be displayed on the upper screen for 3 seconds.
11. The lower screen will display the total load currently on the platform, the name of the active product in the prescription being used, and the amount of that product that needs to be picked. The upper screen will display the weight that needs to be picked as a negative value.
12. The system will notify you with audible alarms (siren and buzzer) according to the set or default alarm settings:

- When the weight to be lifted reaches 50%, it emits a short siren sound at 100 ms intervals.
- When the target weight is reached, this intermittent alarm stops.
- When moving to the next product, a 500 ms long siren sound is emitted to indicate the transition.

6. Modes

Steps for Setting the Fill Mode

13. When all prescription products are dispensed, a long 3-second siren sound indicates that the dispensing process is complete.
14. Press the ESC key twice to exit the screen.
15. Next to the time and date information on the main menu:

- o If the loading mode has been completed: “LOADING MODE DONE” is displayed in green on a white background.
- o If no filling has been done: “LOADING MODE NONE” is displayed with a red background.

7. Receipt

7. Receipt Menu

In this menu, a total of 20 rations (recipes), each consisting of 20 different ingredients, can be defined.

Steps for Creating or Editing a Prescription

1. Press the MENU button to access the main menu.
2. Use the arrow keys to navigate to the “Recipe” menu.
3. Press **ENTER** to access the prescription list.
4. You will see a list of prescriptions numbered from 1 to 20.
5. Select the prescription you want to create or edit using the arrow keys and press **ENTER**.
6. A list of 20 ingredients for the selected recipe will be displayed.
7. The initial weight in kilograms is displayed as “=0” opposite each material.
8. Select the material you want to update using the arrow keys and press **ENTER**.
9. In the field that opens, enter the amount in kilograms (kg) to be used per animal.
10. Enter the kilogram value you want to update using the numeric keys in the “0” field in the blue box at the bottom of the screen and press **ENTER**. The updated value will appear on the screen.
11. After updating all material information, the system changes are automatically saved.
12. After completing the process, press the ESC key to exit.

8. Settings

8.Settings Menu

8.1.Change Product Name

This field is used to change the names of prescription products stored on the device. Prescriptions are important for identifying the names of products used in the device's mixing and dosing processes.

Steps to Change Product Names:

Enter Product Name:

Go to the Change Product Name section in the Device Settings menu.

Product Selection:

Use the arrow keys (▲/▼) to select the recipe product you want to change. For example: Corn or Soybean Meal.

Name Change Procedure:

After selecting the product, press the **ENTER** key.

- A name entry field will appear on the screen.
- To rename, use the letter combinations on the numeric keys of the device. (For example: 1 = ABC, 2 = DEF, etc.)
- Press the corresponding number one or more times for each letter to select the desired letter.
- If necessary, use the direction keys to access the Delete (⌫**CLEAR**) function to undo characters.

Completing the Process:

After entering the new name, press **ENTER** to confirm the operation.

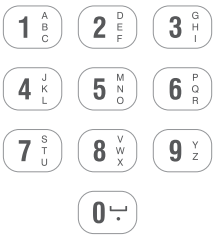
- The device will save the changed prescription name in its memory.
- To change the names of other prescriptions, repeat the above steps.

Press **ENTER** to confirm the operation.

8. Settings

Key Number	Letters and Characters
0	(Space)
1	ABC
2	DEF
3	GHI
4	JKL
5	MNO
6	PQR
7	STU
8	VWX
9	YZ

Numeric Keys



Important Notes:

☑ Product names are critical for correct identification in prescription-based operation of the device.

☑ The names entered are saved and will be displayed on the device screen and in reports.

☑ During the name change, attention should be paid to letter and character entries.

☑ After completing the changes, press the ESC key to exit the menu.

8. Settings

8.2.Change Recipe Name

This field is used to change the names of prescriptions stored on the device. Prescriptions are important for naming the formulas and ingredients used in the device's mixing and dosing processes.

Steps to Change the Name of a Prescription:

Enter Recipe Name Field:

Go to the Change Recipe Name section in the Device Settings menu.

Recipe Selection:

Use the arrow keys (▲/▼) to select the recipe you want to rename. For example: Mixed Feed 1 or Milk Feed 2.

Name Change Procedure:

After selecting the prescription, press **ENTER**.

- A name entry field will appear on the screen.
- Use the letter combinations on the device's numeric keys to enter the new name.
- Press the corresponding number one or more times for each letter to select the desired letter.
- If necessary, use the direction keys to access the Clear (**CLEAR**) function to delete characters.

Completing the Process:

After entering the new name, press **ENTER** to confirm the operation.

- The device will save the changed prescription name in its memory.
- To change the names of other prescriptions, repeat the above steps. Press ENTER to confirm the operation.

8. Settings

Numeric Keys and Character Mapping Table:

Example of use:

• To type “Milk Feed,” press the following keys in order:

7 → 8 → 8 (T) → 0 (Space) → 9 → 1 → 5 → 4

Attention:

• To switch between letters on the same key, press the corresponding key multiple times.

• For example, to type the letter “C,” press the “1” key three times.

Important Notes:

☑ Prescription names are critical for the device to work correctly based on prescriptions.

☑ The names entered are saved and will be displayed on the device screen and in reports.

☑ During the name change, attention should be paid to letter and character entries.

☑ After completing the changes, press the ESC key to exit the menu.

8.3.Barn Name

This field is used to change the names of barns registered on the device. Barn names are critical for easily identifying which barn a particular automatic filling, emptying, or weighing operation is associated with.

Steps for Changing the Name of a Barn:

Entering the Barn Name Field:

Enter the Barn Name section from the device menu.

Barn Selection:

Use the arrow keys (▲/▼) to select the barn you want to rename. For example: Barn 1, Barn 2, etc.

Name Change Procedure:

After selecting the barn, press the **ENTER** key.

- A name entry field will appear on the screen.
- Use the letter combinations on the device's numeric keys to enter the new name.
- Press the corresponding number one or more times for each letter to select the desired letter.
- If necessary, use the direction keys to access the Clear (⌫**CLEAR**) function to delete characters.

Completing the Process:

After entering the new name, press **ENTER** to confirm the operation.

- The device will save the changed prescription name in its memory.
- To change the names of other prescriptions, repeat the above steps.

Press **ENTER** to confirm the operation.

8. Settings

Example of use:

- To type “Milk Barn” (Milk Barn), press the following keys in order:

7 → 8 → 8 (T) → 0 (Space) → 1 → 4 → 4 → 6 → 1

Attention:

- To switch between letters on the same key, press the relevant key multiple times.
- For example: To type the letter “C”, press the “1” key three times.

Important Notes:

☑ Barn names are used to indicate which barn is selected during filling and weighing operations on the device.

☑ The names entered are saved and will be displayed on the device screen and in reports.

☑ During the name change, attention should be paid to letter and character entries.

☑ After completing the changes, press the ESC key to exit the menu.

8.4.Change Company Name

This field is used to change the company name registered on the device. The company name is displayed during operations performed on the device, printer outputs, and reports, and indicates the name of the company for which the device is working.

Steps to Change Your Company Name:

Enter Company Name:

Go to Change Company Name in the device menu.

Company Name Entry:

- The current company name will be displayed on the screen.
- Press the Enter key to make changes.
- Use the letter combinations on the device's numeric keypad to enter the new name.
- Press the corresponding number one or more times for each letter to select the desired letter.
- If necessary, use the direction keys to access the Clear function and delete characters.

Completing the Process:

After entering the new company name, press **ENTER** to confirm the operation.

- The device will save the changed company name in its memory.

8.5.Set Date

This menu allows you to set the date settings for the device. The date must be set correctly for functions such as recording and printing to work properly.

Follow these steps to set the date:

1. Use the arrow keys to navigate to the “Set Date” option in the main menu.
2. Press the **ENTER** key when you reach the option.
3. The screen will display the day (DD), month (MM), and year (YYYY) in that order.
4. The Day (DD) field will begin to flash. Use the numeric keypad to enter the correct day.
5. Press the **ENTER** key to move to the Month (MM) field and enter the correct month.
6. Press the **ENTER** key again to move to the Year (YYYY) field and enter the year.
7. After entering all date information, a confirmation message may appear on the screen asking, “Do you want to save?”
   - o Press the **ENTER** key to confirm.
   - o If you wish to exit without making any changes, press the ESC key to cancel the operation.

8.6.Set Time

This menu allows you to manually set the device's internal clock. The time information is critical for the accuracy of time-stamped records, automatic processes, and daily data scheduling.

Follow these steps to set the time:

1. Use the arrow keys on the main menu to select “Set Time.”
2. When you reach the relevant option, press the loginENTER key.
3. A time field will appear on the screen in the format Hour (HH): Minute (MM).
4. First, the Hour (HH) section will start flashing. Use the numeric keypad to enter the correct time in 24-hour format.
5. Press the ENTER key to move to the Minutes (DD) section and enter the required minute value.

- Press the ENTER key to confirm.
- Use the ESC key to exit without making any changes.

8.7.Percent Adjustment

This menu is used to determine the maximum percentage to which the percentage calibration performed on the device can be applied. Percentage calibration is used to correct any deviations between the weight displayed by the device and the actual weight.

Adjustment Steps:

1. Use the arrow keys to navigate to the “Percent Adjustment” option in the main menu.
2. Press the Enter key to enter the menu.
3. The current limit value will be displayed on the screen.
4. Use the arrow keys to select a new limit value (e.g., 200%).
5. Press the ENTER key again to confirm the selected value.
6. To cancel the change, exit the menu using the ESC key.

8.8.Alarm Settings

This menu is where you can configure the settings for the sirens used in the device's Fill and Drain modes. Siren settings are used to provide the operator with audible alerts regarding the progress and completion of operations.

The menu is organized under three main headings:

8.8.1. Interruted Alarm

This setting determines the duration of the intermittent siren that sounds when a certain percentage is reached during filling or emptying. It indicates how long the siren will sound and how long it will pause.

• Adjustment is made using the right and left arrow keys.

• The operator can set the intermittent warning interval of the siren to create a more suitable audible warning pattern.

8.8.2. Nonstop Alarm

This setting determines the duration of the siren that will sound when the relevant mode (filling/emptying) is complete.

• The siren sounds continuously for the set duration.

• The duration value can be increased or decreased using the right and left arrow keys.

• This feature is designed to clearly notify the operator that the process has ended.

8.8.3. Alarm Percent

This parameter specifies the percentage range at which the intermittent siren will sound before reaching the maximum target value during the filling or emptying process.

• When the specified percentage is reached, the system automatically activates the intermittent siren.

• This value is manually entered using numeric keys.

• For example: If the maximum filling value is 1000 kg, and the “Alarm Percent” value is set to 90%, the intermittent siren will start sounding when 900 kg is reached.

KOBASTAR®
LOAD CELL & WEIGHING SYSTEMS

Merkez Ofis Fab.

Fevzi Çakmak Mah. Ayyıldız Cad. No: 103/B
Karatay / KONYA
+90 **332 249 38 15**

Fevzi Çakmak Mah. Milenyum Cad. No:11/B
Karatay / KONYA

Yurt İçi Şub.

Marmara Bölge Müdürlüğü
İSTANBUL

Ege Bölge Müdürlüğü
İZMİR

www.**kobastar**.com
servis@**kobastar**.com