Manual

Platform scale with verification

wagPRO-P600L

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Specifications:

- **Warranty:** 1 year
- **Material:** steel, plastic
- **Maximum nominal load:** 600 kg
- **Minimum nominal load:** 4 kg
- **Accuracy:** 200 g
- **Maximum permissible load:** 100% of nominal load
- **Available units:** kg
- **Display:** LCD, backlit
- **Power supply:** battery, mains
- **Required power:** 7.8V, 5W
- **Operating temperature:** 10ºC ~ +40ºC
- **Display dimensions:** 28 x 15 x 13 cm
- **Platform dimensions:** 91 x 81 x 15 cm

Set contents:

- Weighing platform,
- display
- power supply for the display,
- wall mount for the display,
- 7-pin connector connecting the screen to the platform,
- Manual.

Features:

- **Measurement accuracy**: 200 g
- **Display**: LCD
- **Power supply**: battery, mains
- **Additional features**: legalization, tare, filter setting, weight limits, memory function

Display and keypad

⊕0⊕ Zero Indicator: Indicates that the balance plate is empty. Before weighing the product, make sure the balance plate is empty and press the "O" button to set zero if the "O" indicator is off. Otherwise, an error may occur.

Balance Index: Shows that the load on the weighing plate is stable. The indicator is off when placing or removing the product. If the balance indicator turns off, the weight displayed on the display may be incorrect. Therefore, to read the weight, you need to wait for the symbol to appear after placing the product on the scale plate.

NET Indicator: Illuminates when tare is occurring. The actual weight value is the NET value.

⇄◆ Tare Rate: Indicates that tare is affecting weighing. Flashes when tare is not set. Illuminates steadily when tare is set. (Only for scales with an LCD display.)

Total Memory Indicator: Flashes when the total memory contains a value. Remains while the contents of the total memory are displayed.

▮▮▮▮ Battery Indicator: Shows that the battery is in use. If the battery indicator is on, the scale is powered by the battery. If the indicator flashes, it is necessary to charge or replace the battery in the shortest possible time.

W1 and W2 indicators: Shows the actual weighing range. Check the max, min, e values of each range on the nameplates.

T button: Used to accept the load as tare.

O button: Used to zero the balance when the balance plate is empty.

F key: Used to navigate to the settings menu and some settings-like functions.

M+ button: Used to add total memory.

MR/MC Button: Used to view and delete the total memory.

Button ☼ : Toggles the backlight between ON, OFF, ON-OFF (for LCD models only).

First run

When you turn on the scale, all segments and symbols are displayed for a short time. After that, the default master settings are displayed for about 10 seconds. The maximum capacity and division are then displayed for a moment, and then the scale is ready for weighing. A zero value is displayed. The zero and balance indicators are enabled. Nothing should be placed until the scale is ready to be weighed.

If there is any weight on the weighing plate or there is no weighing plate on the scale, the ER 5 error message may appear on the display. Before calling for service, make sure that there is no weight on the weighing plate.

Product Weighing

Place the product on the scale plate. Wait for the balance indicator to turn on. The weight of the product will then be displayed. The display should show "0.000" and the balance and zero indicators should be on when the balance plate is empty. If the display is not zero (or the balance indicator is not on), press the reset button to reset the display. Once the zero is displayed and the balance is balanced, it is time to proceed to the weighing process.

WARNING: Never place a load in excess of the maximum weight capacity. ("The maximum" load capacity is indicated on the rating plate). Place the product on the scale plate gently, by hand. Lowering the product from a certain height or throwing it on the weighing pan (even with a low weight) can damage the scale.

Tare weighing

1. Place the tare on the scale plate. Wait for the balance indicator to turn on. The tare weight will be displayed.
2. Press the tare button. For a second, the message "tare" will be displayed, followed by "0.000". NET indicator is enabled. Tare symbol flashes. Tara was weighed.
3. Place the product on the scale plate. Wait for the balance indicator to turn on. The net weight of the product is displayed.
4. Empty the balance plate. Wait for the balance indicator to turn on. NET and Tare indicators are disabled. Tare will be automatically canceled.

Memory function

The total memory is used to add the weight and price of the products to the previously calculated weight and price. There are two M+, MR/MC keys on the keyboard to operate this function.

Adding to total memory:

1. Place the product on the scale plate. Wait for the balance indicator to turn on.
2. Press the M+ button. The mass will be added to the memory. The corresponding M indicator will flash.

NOTE: During zero, negative, and full ground status, and when the balance indicator is turned off, adding to total memory will not work.

NOTE: Once added to total memory, new additions will not be allowed until the weighing plate is empty and the value "0.000" is displayed or a new unit price value is entered.

NOTE: It is possible to view the total immediately by pressing the M+ button. For this function, the "Add without displaying total" mode (Setting 3.1) must be disabled in the setup menu. In this mode, the total will be displayed until the product is removed from the scale plate.

NOTE: A maximum of 250 records can be stored in the total memory.

Recalling and deleting the whole:

- Press the MR/MC button. First, the message "Top AG" will be displayed for 2 seconds. The total weight will then be displayed for 2 seconds.
- Press the MR/MC button to clear the total memory or press the F button to return to normal weighing mode.

The total weight indicator will be displayed as "M". If the total mass indicator is

- Disabled: Memory is empty
- Flashing: Memory is
- On: The memory value is displayed

NOTE: It is possible to view the details of the weighed products stored in the total memory by pressing the M+ button. For a detailed explanation, see "Viewing Memory Details."

NOTE: If the scale is EGE-M or EGE-LED and there is no printer, the total memory function cannot be used.

Detailed memory preview:

- Press the MR/MC button. First, the message "Top AG" will be displayed for 2 seconds. Then displayed for 2 seconds.
- Press the M+ button. First, "TP I" will be displayed for 2 seconds. It will then be displayed for 2 seconds.
- When the M+ button is pressed, the corresponding recorded memories will be displayed.
- Press the MR/MC button again to erase the memory or press the F button to exit without erasing.

Silo Mode

Only the TEB series models have this feature.

- To enable Silo mode, 12.1 must be disabled (uncommitted mode) and 2.7 must be enabled (Silo mode is active).
- In this mode, the initial zero setting check is not applied. When the device is turned off and on, the same weight value is displayed.
- The reset button does not work in this mode. To set the zero, press the reset button three times for 3 seconds.

Display backlighting

Press the button ☼ to toggle between ON, OFF, and ON_OFF backlight modes.

To change the backlight mode:

Press the button ☼. The backlight mode will be displayed for 1 second.

- bL On : Backlight on. The backlight is constantly on.
- bL OFF : Backlight off. The backlight is constantly off.
- bLOnFF : Backlight ON_OFF. The backlight is on when weighing or pressing a key. The backlight is off when there is no ground on the balance board.

When the scale is turned on, the backlight mode is off. If the display shows a flashing dot instead of the weight value, the backlight will automatically turn off.

Constraints

When this function is activated, an audible signal is generated between two predefined weight values. To use this feature; go to Setting 4.1 to set the minimum weight value limit and go to Setting 4.2 to set the maximum weight value limit. To activate this feature, setting 4.3 must be enabled.

Example: To set the maximum weight value limit to 2 kg, follow the steps below;

1. Press the F button for 3 seconds. Setting 1.1 will be displayed for 2 seconds, and the corresponding value will be displayed for 2 seconds.

2. Press the F button 3 times to enter the 4.1 menu. Setting 4.1 will be displayed for 2 seconds, and the corresponding value will be displayed for 2 seconds.

3. Press the Zero button once to enter the 4.2 menu. Setting 4.2 will be displayed for 2 seconds, and the corresponding value will be displayed for 2 seconds.

4. Press the MR/MC button. The first digit on the right will flash. Press the M+ button to change the value to "0". "XXXXX0" will appear on the display.

5. Press the MR/MC button. The second digit from the right will flash. Press the M+ button to change the value to "0". "XXXX00" will appear on the display.

6. Press the MR/MC button. The third digit from the right will start flashing. Press the M+ button to change the value to "0". "XXX000" will appear on the display.

7. Press the MR/MC button. The fourth digit from the right will flash. Press the M+ button to change the value to "2". "XX2000" will appear on the display.5

8. Press the MR/MC button. The fifth digit from the right will start flashing. Press the M+ button to change the value to "0". "X02000" will appear on the display.

9. Press the MR/MC button. The first digit from the left will flash. Press the M+ button to change the value to "0". "002000" will appear on the display.

10. Press the F button to save the settings. Press the F button for 3 seconds to exit the setup menu and return to normal weighing mode.

11. Turn the scale off and on again.

Settings

- Press the F button for 3 seconds to enter the settings menu. "Set" and "Main Menu Number" will be displayed on the weight display, and "Sub Menu Number" will be displayed on the unit price display. The setting parameter will be displayed on the price to be paid display.
- Press the F button to select the desired main menu number.
- Press the Zero button to select the desired sub-menu number.

To switch between On/Off values:

- Press the Tare button.

To change numeric values:

- You must use the numeric keys.
- Press the F button to store the number.
- Press the F button for 3 seconds to return to normal weighing mode.

NOTE: When exiting the setup menu, the balance must be turned off and on for reliable weighing.

EXAMPLE: Permanently disabling the auto-reset feature.

- (Set 2.4 -> 2: Main Menu Number, 4: Sub Menu Number)
- Press the F button for 3 seconds. Setting 1.1 will be displayed for 2 seconds.
- Press the F button once. Go to Menu 2 (zero setting). Setting 2.1 will be displayed for 2 seconds.
- Press the reset button 3 times. Go to submenu 4 (Auto Reset). Setting 2.4 will be displayed for 2 seconds.
- Press the tare button to change the parameter to "Off". Setting 2.4 will be displayed for 2 seconds.
- Press the F button for 3 seconds to return to normal weighing mode. Turn the scale off and on again.

Settings menu

The values in parentheses are the factory default settings.

1. Tara

1.1 Tare depends on a stable balance (On). Once committed, the default value is ON and cannot be changed.

1.2 Cancel tare with negative net value (On). Lower tare than the correct tare. (Negative net worth). Once committed, the default value is ON and cannot be changed.

1.3 Tare Through Interface (Off). It does not apply to models without an interface.

1.4 Temporary Tare Cancellation (Off). If enabled, when you press the tare button, the tare will be done permanently.

2. Zero setting:

2.1 Controlling the Initial Zero Setting Range ±10% (On). Once committed, the default value is ON and cannot be changed.

2.2 Zero setting key range control < 2% (On). If it's approved, its default value is ON and can't be changed.

2.3 Setting zero depends on stability (On). If it's approved, its default value is ON and can't be changed.

2.4 Automatic Zero (On) Setting. If the weight indication is negative for more than 5 seconds when the balance indicator is on, zero will be set automatically.

2.5 Automatic Zero Tracking (On). If ON: Auto zero tracking is active when the indication is zero and stable. If it is OFF: Automatic zero tracking is not active.

NOTE: In the case of tare, the automatic zero tracking feature will not work.

2.6 Setting Zero by Interface (Off). It does not apply to models without an interface.

2.7 Active/Passive Silo Mode (Off). If ON: Silo mode is active. Zero setting check is not performed at the beginning. If it is OFF: Silo mode is not active.

3. Total memory, unit price:

3.1 Adding without displaying total memory (On). If it is ON: The total will not be displayed after M+. The weighing value is displayed. If it is OFF: After M+, the total will be displayed until the pan is empty.

3.2 Addition via M+ depending on stability (On). If it's committed, its default value is ON and can't be changed.

4. Limitation:

4.1 Setting the Lower Limit. The buzzer will activate and beep when the set lower limit is reached.

4.2 Setting the upper limit. The buzzer will be turned off and will stop beeping when the set upper limit is reached.

4.3 On-On Restriction If this mode is enabled, the restriction function is active.

4.4 Lower limit for sending data to the computer after achieving stability (1)

4.5 Upper limit for sending data to the computer after stabilization (1)

4.6 Tolerance interval for sending data to the computer after stabilization (20)

4.7 Minimum stability period of data upload to the computer after stabilization (10)

10 -> 1 second

4.8 Sending Data to Computer in Accordance with Stability On.

5. LCD/Time Settings:

5.1 LCD Contrast Level (57). It can be adjusted from 0 to 99.. First Decimal: Contrast when the backlight is not on. Second decimal place: Contrast with backlight on.

5.2 Backlight brightness level (7). Can be adjusted from 1 to 9

5.3 Date (optional). The first two digits: the day. The middle two digits: the month. Last two digits: year

5.4 Hour (optional). The first two digits: the hour. The last two digits: a minute.

6. Power Management Settings:

6.1 Empty Weighing Pan Indicator (On)

If it is on: The display will show a flashing dot instead of the weight value if the scale is powered by a battery and left empty for 30 seconds ("------" will be displayed on LCD models)

If it is OFF: It does not work.

6.2 Power Management (On)

Manages the power management modes of the equipment. If ON: Power saving mode is active for all modes.

If it is OFF: Power saving mode is not active. If it is OFF, the "------" mode is also canceled.

7. Filters:

7.1 Median Filter (1)

If the scale is an approved model, it cannot be changed. Some models may not have this menu. The minimum value is 1, the maximum value is 9. If a value other than these is entered, the filter uses the default value.

7.2 Average length (50)

If the scale is an approved model, it cannot be changed. Some models may not have this menu. The minimum value is 10, the maximum value is 50. If a value other than these is entered, the filter uses the default value.

7.3 Minimum average length (1)

If the scale is an approved model, it cannot be changed. Some models may not have this menu. The minimum value is 1, the maximum value is 25. If a value other than these is entered, the filter uses the default value.

7.4 Filter pause counter value

If the scale is an approved model, it cannot be changed. Some models may not have this menu. The minimum value is 70, the maximum value is 2800. If a value other than these is entered, the filter uses the default value.

7.5 Auto Filter Mode (Wind Filter) (Off)

If this mode is enabled, the 7.1 and 7.3 filter settings will be ignored. The device automatically configures the filter settings based on the operating conditions.

8. Calibration:

8.1 Calibration Factor

It can only be changed if the calibration button is enabled.9

8.2 Maximum Capacity

It can only be changed if the calibration button is enabled.

8.3 Division (1)

0: 3000

1: 2 x 3000

2: 3 x 3000 (not valid for approved models)

3: 6000 / 7500 (not applicable to approved models)

4: 12000 / 15000 (not applicable to approved models)

6:1500 (can only be changed when the calibration button is on).

8.4 Maximum Load Cell Capacity

It can only be changed if the calibration button is enabled.

8.5 Device Unit (1)

0: g

1: kg

2: ton

Can be changed if it's an approved model.

8.6 Gravity Value ("G") of the Balance Calibration Location (9.8022)

You can change it only if the calibration key is enabled.

8.7 Gravity ("G") Value of the Place where the Scale Will Be Used (9.8006)

It can only be changed if the calibration button is enabled.

8.8 Load Cell mV/V Value

The mv/V value of the load cell being used.

9. Interface Settings:

(Only applies to PRINTER/PC balances)

9.1 Communication ON/OFF (On)

If it is ON: RS232 communication is active.

If it is OFF: RS232 communication is inactive.

(It must be active only for printer/computer scales; otherwise, ER 8 will occur.)

9.2 ID Number (8888)

An ID number that will be sent to your computer at the beginning of each data transmission.

9.3 Continuous Transmission (Off)

If ON: Activates the continuous transfer of data from the balance to the computer.

If it is OFF: Communication is not continuous, data is sent when a request is received from the computer.

10. Other:

10.1 Approved Scale Mode (On)

It can only be changed if the calibration button is enabled. If enabled, all settings will be restored to the factory defaults associated with the approval.

10.2 Start-up delay (10 sec) (On)

If the scale is an approved model, it cannot be changed.11

10.3 Calibration Switch (Off)

If the calibration switch is disabled, the settings related to the calibration switch cannot be changed. A password is required to enable the calibration switch. If the calibration switch is enabled, the initial weight counter will be increased by one. At this stage, the balance seal will be broken. Only legally authorized service centers can use this mode. Please check the legal procedures in your country.

Error messages

ERROR1 : Turn the scale off and then on again. If the malfunction persists, call for service.

ERROR2: Wait a moment. Turn the scale off and then on again. If the fault persists, call for service.

ERROR3: Wait a moment. Make sure the balance pan is empty and press the O button. If the error persists, call the service.

ERROR4: Turn the scale off and then turn it back on. If the fault persists, call for service.

ERROR5: Initial zeroing range check error. Weighing is not allowed. Make sure the weighing pan is empty (if the weighing pan is not on the scale, place it on the scale). Turn the balance off and on again when the weighing pan is empty. If this warning reappears when the weighing pan is empty, call for service.

ERROR6: Turn the scale off and on again. If the fault persists, call for service.

ERROR7: Turn the scale off and on again. If the malfunction persists, call for service.

ERROR8: Interface communication error. Turn the scale off and then on again. If the scale is not of the computer/printer type and the error persists, call for service. If the scale is a computer/printer, change SET 10.1 to "On", turn the scale off and on again. If the error persists, call the service.

ERROR9: Turn the scale off and on again. If the malfunction persists, call for service.

ERROR11: Turn the scale off and on again. If the malfunction persists, call for service.

ERROR12: Turn the scale off and then on again. If the malfunction persists, call for service.

ERROR13: For PC/Printer models, this message will be displayed if the ALIBI memory is full. Data transmission to the PC/printer will not be possible and new transactions will be blocked until the ALIBI is deleted. Erase the ALIBI memory, turn the scale off and on again. For printer models, see related documents.

ERROR14: Load cell cable detection error. Check the load cell connector and cable. If the connector is disconnected, plug it back in. If the error persists, turn the scale off and on again. If the error persists, call the service.

ERROR15: Wait a moment. If the fault persists, turn the scale off and then on again. If the fault persists, call for service.

ERROR16: See "PrinterUserManualAnnex.doc". If the malfunction persists, call for service.

Lo bAtt: The battery is discharged. The scale does not work. It should be charged or replaced as soon as possible.

nnnnnn: The platform or scale plate is not placed, or the scale has attempted to be turned on with the weight on it. Empty the platform or scale plate. If necessary, turn the appliance back on without loading. If the malfunction persists, call for service.

Full (on weight display): Weight exceeds maximum lifting capacity.

Full (on price display): The price to pay is too long to display.