

EDITING A MEMORY

1. Select a memory with the Arrow keys.
2. Press the MENU key for a few seconds.  
The first command appears on the Config Display.
3. Use the Arrow keys to select a command.

Refer to the instructions below on how to use the edit commands.

EDIT COMMANDS - PACKING AND GRADING

**Unit of Weight**

Use this command to set the unit of weight.

*Un*

1. Press the MENU key for a few seconds.
2. Select the command with the Arrow keys.
3. Press PRINT to display the currently active unit of weight (to the right on the Weight Display).
4. Press PRINT. The unit indicator starts blinking.
5. Use the Arrow keys to select a new unit.
6. Press PRINT to confirm your selection.
7. Press MENU to return to Edit Mode.
8. Press MENU again to return to Operating Mode.

**Grading Method**

*Gr d*

Use this command to select a grading method for the selected memory.

Same procedure as for the Unit of Weight command.

USING NORMAL GRADING

*nEt*

1. Select a grading memory and grading method.
2. Place one item at a time on the platform.
3. The weight of each item is displayed on the Weight Display and each item's grade is displayed on the Config Display.

USING REVERSE GRADING

*rE*

1. Select a grading memory and grading method.
2. Place all items on the platform.
3. Remove one item at a time, and wait until the grade is displayed on the Config Display.

EDIT COMMANDS - GRADING

**Grade Limit**

Use this command to set the lower grade limit for each grade.

*Lo l*

1. Press the MENU key for a few seconds.
2. Select the command with the Arrow keys.
3. Press PRINT. The current grade limit is displayed on the Weight Display.
4. Press PRINT again. When the digits start to flash, you can change their value.
5. Use the Arrow keys to change the value of the digits. Press PRINT to activate each digit.
6. Press the MENU key to return to Edit Mode.
7. Press MENU again to return to Operating Mode.

**You must activate ALL digits, or no change will take place!**

EDIT COMMANDS - PACKING

**Lower Limit**

*Lo*

Use this command to set the lower weight limits for packing memories.

Same procedure as for the Grade Limit command.

**Higher Limit**

*Hi*

Use this command to set the upper weight limits for packing memories.

Same procedure as for the Grade Limit command.

USING MULTIPLE RANGE WEIGHING

*Auto*

When you use the Auto option, the scale switches automatically from one weighing range to the other.

The Max2 indicator lights up while the scale is in the high weighing range.

The scale does not switch back to the lower weighing range, until

- the scale has been steady on zero for a few seconds (zero tracking ON)  
or
- until you press the ZERO key.

Tare set in the higher range will be cancelled when the scale switches to the lower range.



**Always watch the ZERO indicator when the scale is in use:**

- Whenever the platform is empty, the Zero indicator should turn green.
- If not, press the ZERO key to re-zero the scale.

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- |                              |   |
|------------------------------|---|
| 1. Top cover                 | 12. Steady indicator                    |
| 2. Rating plate              | 13. Over indicator                      |
| 3. Max2/Power-down indicator | 14. Unit of weight indicator            |
| 4. Packing indicator         | 15. UP arrow                            |
| 5. Grading indicator         | 16. MENU key                            |
| 6. Net indicator             | 17. DOWN arrow                          |
| 7. Under indicator           | 18. PRINT key                           |
| 8. Weight Display            | 19. ZERO key                            |
| 9. Config Display            | 20. TARE key                            |
| 10. Accept indicator         | 21. Mounting pillar                     |
| 11. Zero indicator           | 22. Cable entry/battery plug (optional) |

**Quick Reference**

WEIGHT DISPLAY



The net weight on the platform      The active unit of weight

STEADY AND ZERO INDICATORS

STEADY

=

Green

The weight is steady on the platform.

ZERO

=

Green

The scale is at its zero point.

CONFIG DISPLAY



The active grading memory: memory 1, grade 3.      The active packing memory: memory 5.

WEIGHT TARGET INDICATOR



Red, if the weight is outside the limits.      Green, if the weight is within the limits.      Red, if the weight is outside the limits.

BATTERY INDICATORS



On the Config Display. Blinks when battery power gets low.



The Max2 indicator in the bottom left corner of the M1100 Indicator blinks while the scale is in power-down mode.  
To bring the scale back from power-down mode, press any key.

ARROW KEYS



Use the Arrow keys to select a packing or grading memory.

MENU KEY



To edit a packing or grading memory.

PRINT KEY



To record and print weighing results. To confirm new settings.

ZERO KEY



To set the scale to zero.

TARE KEY



To set and remove the tare.

APPLYING POWER TO THE SCALE

Initial Start

Plug the electrical cord into the nearest suitable power outlet.  
For a battery scale, mount the batteries on the scale.

Keep the power on at all times to prevent condensation of moisture in the scale

SELECTING A MEMORY

1. Use the Arrow keys to scroll to the memory you wish to use.

When the number of the new memory appears on the Config Display, the memory is active and the scale is ready to start weighing.

FROM PACKING TO GRADING

When you are in Packing mode, use the Arrow keys to scroll the memory list until you reach the first Grading memory. The Grading indicator lights up to show that you are now in Grading mode.

Use the same method to change from grading to packing.

SELECTING A GRADING METHOD

See Edit Commands - Grading on the reverse side.

DURING WEIGHING

ACCEPT

Green light: The weight is within the specified limits.

OVER UNDER

Red light: The weight is outside the specified limits.

STEADY

Green light: The weight on the platform is steady.

GRADE

Red light: The scale is in grading mode.

PACK

Red light: The scale is in packing mode.

CAL

Blinking message: The scale needs marine calibration.

UNIT OF WEIGHT



The unit of weight can be different for each packing or grading memory. When you change to a new memory, the weight will be displayed in the unit set for the new target weight.

Note! The upper/lower weight limits and the grade limits are always shown in the selected unit of weight.

RECORDING A WEIGHT

- Manually:**
1. Watch the Accept and Steady indicators.
  2. When the indicators light up, press the PRINT key to record.
  3. The message *rEL* appears on the Config Display as long as the recording is in progress.
  4. The message *n* appears, if you try to record the same weight twice, or if the weight is unstable or out of range.

**Automatically:** If enabled, this option will trigger a recording when a steady weight is removed from the platform (packing or negative grading) or placed on the platform (positive grading).

WORKING WITH TARE

- Enter Tare**
1. Place a tray on the platform.
  2. Press the TARE key.
  3. The Net indicator lights up to show that tare is in use. The net weight is shown on the Weight Display.
- Remove Tare** Empty the platform, and press the TARE key. The Net indicator is turned off.
- Check Tare** If you use tare, check it every now and then: Place the tray on the platform, and notice if the Weight Display returns to zero. If not, press the TARE key.

MARINE CALIBRATION

- CAL**
1. Make sure the platform is empty.
  2. Press the MENU and ZERO keys simultaneously.
  3. Wait until the scale asks for a reference weight.
  4. Place the reference weight on the platform.
  5. The message *- - -* appears on the display while the calibration takes place. If nothing happens, press the PRINT key to start the calibration.
  6. When the calibration is completed, the message *F i t n n* appears. Values above 25 indicate a poor calibration. In that case repeat steps 1 to 6.
  7. Remove the weight from the platform.
  8. The scale returns to zero and is ready for use.