OP-916 Floor Scale USER'S MANUAL

Feet Acess Openings

Side access

Top access
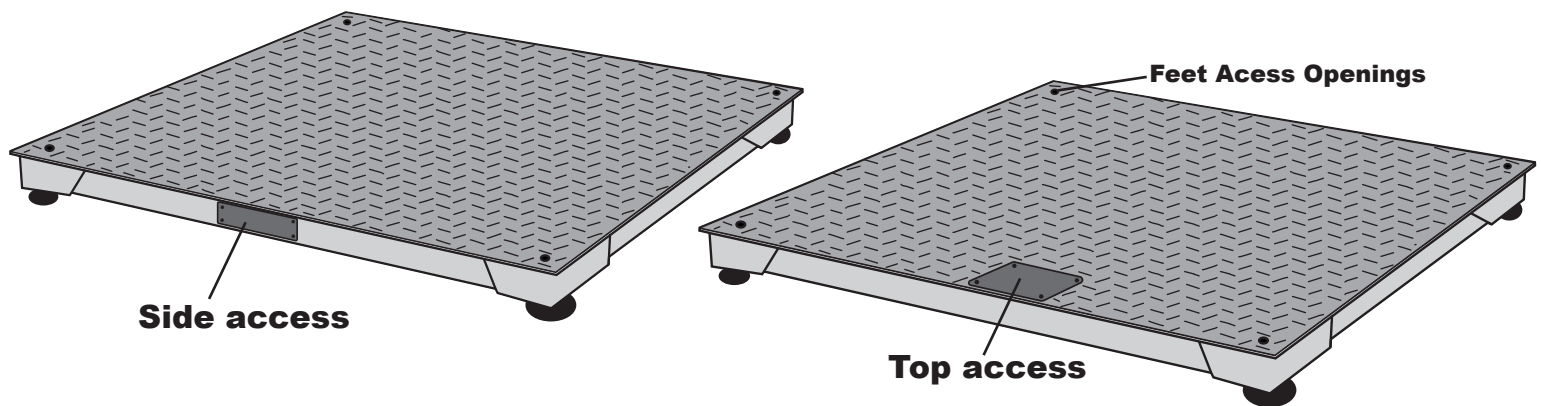
Inside Scale:
(1) Homerun Cable
(1) Indicator w/ U-bracket
(1) AC Adapter
(1) Indicator manual
(4) Screw in Feet

1. Carefully open box and remove scale
2. Locate access compartment (Top or Side) and remove the screws
3. Remove all contents from inside compartment
   NOTE: any upgrades to the order will be shipped separately, ie. indicator w/battery
4. Route the homerun cable through the cable opening located inside the compartment near the underside of the scale
5. Close compartment latch with screws
6. Screw in all 4 feet into the 4 load cells located on the underside of each corner
   NOTE: Do not screw in too deep that it will touch the platform
7. Place scale on flat surface, if not level, lift scale slightly and adjust scale feet with a screwdriver through the feet access openings until the scale is stable
8. Connect the homerun cable to the indicator
9. Plug the AC adapter to the indicator and power on the indicator
10. Once indicator is powered on, the display will count down show zero
11. To ensure your scale is level, place an item you know the weight of on each corner of the scale, if a corner varies, adjustments to the feet should be made
12. Your scale is ready for use (no calibration is needed)
13. If the weight is incorrect, calibration will be needed
    NOTE: Please refer to your indicator manual for proper calibration steps

Please call **1(800) 360-9619 ext. 2** for support questions
For updated indicator manual, please refer to www.OptimaScale.com/manuals

FEATURES

- LED or LCD display option
- Multiple weighing units: kg/lb (g/oz/lb:oz offered on LCD versions)
- Gross/Tare/Pre-Set Tare/Zero
- Multiple Hold functions
- Count weighing
- Accumulation weighing
- Overload / Underload indication
- Connects to multiple printers
- Splash proof keyboard and display
- Connects to a Remote Display/Scoreboard
- Power saving mode
- Ability to modify gravity based on different geographical locations
- RS232 output
- NTEP approved for 5,000 divisions
- Relay output (optional) and 4-20mA analog output (optional)
- Can connect to a PC or printer for data logging (optional)
- Wireless capability (optional)
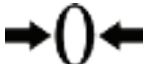- Rechargeable battery (optional)

Indicator Model Options

The OP-900 series consists of the **OP-900A (LED)** series and **OP-900B (LCD)**
series. Options for rechargeable battery, stainless steel enclosure, washdown enclosure,
computer connection, relay output and analog output can be added.
Please contact sales@optimascale.com for a list of possible options.

Technical Parameters

- Accuracy class: 5000 e
- Resolution - Display: 30,000 ; ADC: 2,000,000
- Zero stability error: TK0 < 0.1µV//K
- Span stability error: TKspn < ± 6 ppm//K
- Sensitivity (internal): 0.3 µV / d
- Input voltage: -30 to +30mV DC
- Excitation circuit: 5 VDC, 4 wire connection, 6 load cell of 350ohm max
- AC power: AC 100-250V (use only the included 9V adapter supplied)
- Operation temperature: -10 °C ~ +40 °C
- Operation humidity: ≤90%RH
- Storage temperature: -40 °C ~ +70 °C (32-104°F)

DISPLAY AND KEY DESCRIPTION

ON/OFF	Powers the Indicator On or Off if held for 2 seconds
HOLD	Holds the weight (5 Hold options; can be changed in parameter settings)
TOTAL	1. Accumulates weights 2. Works with "Print" to perform the accumulation function and check the accumulation result
UNITS	Shifts between weighing units
COUNT	Use the scale to count product based on a sample weight
TARE	1. Resets the scale to zero when there is something on the scale (ex. Tare out the weight of a pallet to weigh only the product on it) 2. Clears the tare to see the gross weight (pallet + product)
ZERO	Zero's the scale
PRINT	Print data
→()←	The scale is at zero
◣◢	The scale is stable
Gross	Shows you are in Gross weight mode (includes tare); default mode
Net	Shows you are in Net weight mode (weight without tared weight)
pcs	Shows you are in Counting mode
total	Shows you are in Accumulation mode
hold	Shows you are in Hold mode
lb	The weight is shown in pounds
kg	The weight is shown in kilograms
battery	Flashes red = low battery, Solid red = charging, Green = fully charged
Over	Flashes when weight is higher than set alarm parameter
Accept	Flashes when weight is within the set alarm parameters
Under	Flashes when weight is lower than set alarm parameter
⏻	Power
↱	Back
⬆	Save and Exit
◀▶▼▲	Arrow keys
↵	Return/Enter

OPERATING INSTRUCTIONS

Power On

- Turn on the power by pressing the power button for 2 seconds. Once on, the scale will flash the voltage and then begin to auto-check and count down from 0-9 sequentially before entering the weighing mode
  Note: Anything on the scale before powering on will automatically be tared out.

Zeroing

- The zero function is used only when the scale is empty and is not at gross zero due to material build up
- Pressing the ZERO key will reset your scale to 0
- Depending on what your manual zero range parameter is set to, you can zero out any number within your set selection, after that you will receive an error and will need to tare out the weight

Unit Selection

- To switch between measuring units ((kg/g/lb/oz/lb:oz) press the UNITS key

Tare Function

- The Tare function is used when you only wish to see the current change in weight, not the entire amount of weight that is on the scale
- When the indicator is in gross mode (gross light is shown) pressing the TARE key will Tare the current weight on the scale and enter the net mode (net light shown)
- For example if you are using a container add the container to the scale, press tare and the display will show the tare symbol ➡()⬅ and reset back to 0
- Add your product to the scale to weigh without the weight of the container
- To exit Tare mode press the TARE key again to enter gross mode and you will see the total weight of the container and the product

Note: If you remove the container the scale will show the minus weight of the container

  To use a pre-set tare weight
- Press and hold the TARE key for 2 seconds
- Input the tare weight using the arrow keys
- Press print key to confirm

Counting Function

- The counting function is used to count a high volume of identical parts. You can do this by setting a sample and then either adding to the sample or taking away from the sample to count the number of objects on the scale
- In weighing mode: Put a sample weight on the scale (Sample options are 5, 10, 20, 50, 100, 200, 500)
- Then press the COUNT key to go to the counting mode ("pcs" will light up)
- It will then display the sample number (ex. $PCS\ 0$) which you can change using the up or down arrows
- Press the PRINT key to confirm your sample number
- The scale is now ready to start counting, load your product on the scale and the indicator will show the quantity
- To exit counting mode press the COUNT key
- If you want to count a different product hold the PRINT and COUNT key together and the sample pieces will reset back to zero

Accumulation

- The accumulation function is used to add multiple weights and total them together
- In weighing mode load the first weight, once stable press the ACCUM key to enter the accumulation mode. The "total" indicator/light will display
- The screen will show "$n001$" to indicate the first weight has been saved
- Remove the first weight and press the ZERO key to stabilize the scale
- Add the second weight to the scale
- Once stable press the ACCUM key to add the weight to the accumulated total
- The screen will show "$n002$" to indicate the second weight has been saved
- Repeat previous steps until all desired weights have been added to the total (you can accumulate up to 999 different weights)
- When you are done and want to display the accumulated total, press the ACCUM and PRINT key together. The accumulated number "$n002$" (the number of weights you are adding together) will flash on the display followed by the total
- The total will display by flashing between 2 sets of numbers
- There are 8 digits in total, the display will flash 4 at a time, the first 4 on the left and the last 4 on the right. For example if the first 4 digits are "0012" and the last 4 digits are "3456" the actual weight is 001234.56 or 1234.56 lbs/kg
- If you want to print the accumulated total, hold the PRINT key for one second while the last 4 digits of the total are shown
- To exit accumulation mode, wait for the last 4 digits to the right of the screen to appear, and then press and hold the ACCUM key for one second
- "$CLr\ n$" will be displayed, asking you if you want to keep the data?
  - If NO you do not want to clear the accumulated total, then keep "$CLr\ n$".
  - If YES you do want to clear the total, then use the arrow key to change to "$CLr\ Y$"
- Finally, press the PRINT key to select exit accumulation mode

Hold

There are 4 different hold functions you can choose from in the C11 parameter

1. Peak Hold: Grabs the highest weight (for materials testing, ie. tension and pulling force)
- Press the HOLD key then add weight to the scale
- The indicator will show the highest weight it recorded and hold it on the screen until a higher weight is placed on the scale

2. Manual Hold: Grabs the current weight and holds it so it will not change/fluctuate
- While weighing, press HOLD and the indicator will hold the current weight on the screen until HOLD is pressed again

3. Auto Hold: If the weight on the scale is above 20d (20 x division) and is stable, the indicator will hold that weight on the screen for 3 seconds then go back to general weighing
- Pressing the hold key is unnecessary, holding is done automatically when the scale is stable

4. Average Hold: Used for animal weighing, the indicator will display the average weight sampled from 3 seconds
- Add livestock to scale and press HOLD
- Indicator screen will show "LOC" for 3 seconds, then display the average weight from those 3 seconds
- Press HOLD again to exit holding mode

Print

- If the indicator is connected to a printer and the weight on the scale is stable press the PRINT key to print the current weight
- In accumulation mode hold the PRINT key for one second when the last 4 digits of the total weight are shown to print the total weight

Note: In tare mode the printer can not print if negative weight is shown

CALIBRATION PROCEDURE

1. Turn on the scale by holding ON/OFF ⏻ for 2 seconds.
2. Press HOLD ➡ and PRINT↵ together to access the setup menu.
3. If done correctly, the display should now show [0 1].
4. Press PRINT↵ to access the C1 channel. The display should show [C 1   #].
5. Press ZERO ▲ to choose which unit you want to calibrate in (1 = kg, 2 = lb).
6. Press PRINT↵ to set the value. The display will now show [02].
7. Press PRINT↵ to access the C2 channel. The display should show [C 2   #].
8. Press ZERO ▲ to change the setting to the decimal places desired (The C2 channel is used to adjust the decimal point on the scale. A value of 1 means there is one digit behind the decimal point.)
9. Press PRINT↵ to set the value. The display will now show [03].
10. Press PRINT↵ to access the C3 channel. The display should show [C 3   #].
11. Press ZERO ▲ to cycle through the values until the desired graduation appears. (The C3 channel adjusts the divisions on the scale. A value of 1 selected and C2 set to 1, the scale will read in 0.1 lb. increments.)
12. Press PRINT↵ to set the value. The display will now show [04].
13. Press PRINT↵ to access the C4 channel. The display will show [######].
14. Enter in the maximum capacity you want to use for this scale by using UNIT ◄ and COUNT ► to move the cursor left and right, and TARE ▼ and ZERO ▲ to move the values down and up. (The C4 channel is used to enter in the max capacity of the scale; Make sure this doesn't exceed the max capacity of the scale; Max capacity divided by the increment set in C02 and C03 above cannot exceed 5000.)
15. Press PRINT↵ to set the value. The display will now show [05].
16. Press PRINT↵ to access the C5 channel. The display should show [C 5   0].
17. The C5 channel calibrates zero on the scale. Make sure the scale is empty.
18. Press ZERO ▲ to change the value to 1.
19. Press PRINT↵. The display will count down from 10-1 while the scale is calibrating zero. When the display shows 0 the zero calibration is complete.

OP-900 offers 2 calibration methods, Single Point which uses one weight to calibrate or Linear Calibration, which uses multiple (2-7) weights for a more accurate calibration.

To Calibrate using only 1 calibration weight (Single Point Calibration)

20. Press PRINT↵ to continue. The display will now show [06].
21. Press PRINT↵ to access the C06 channel. The display will show [C 6   0].
22. The C6 channel is used to calibrate the scale with a known weight. Press ZERO ▲ to set the value of C6 to [C 6   1]. Press PRINT↵ . The display will flash SPAN, and then show [#####].

23. Enter the calibration weight value you will use (at least 10% of max capacity you set in C04 by using UNIT ◄ and COUNT ► to move the cursor left and right, and TARE ▼ and ZERO ▲ move the values down and up.
24. Place the calibration weight you have on the empty scale and press PRINT↵.
25. The scale will count down from 10 to 0. Once 0 has been reached, the display will show `CALEnd`.
26. Press PRINT↵ to continue. The display will now show `C07`.
27. Press ACCUM ⬆ to save and exit the setup menu.
28. The scale has now been calibrated. The display will show the value of the calibration weight on the scale.
29. If the scale does not show the value of the calibration weight, check that the feet on the platform are not screwed in too tightly, and verify that the platform is level.
30. Unload the scale; the display should read `000000`.
31. If the scale does not display 000000, check that the feet on the platform are not screwed in too tightly, and verify that the platform is level.

To Calibrate using only multiple calibration weights (Linear Calibration)

1. Press PRINT↵ to continue. The display will now show `C06`.
2. Press PRINT↵ to access the C06 channel. The display will show [`C6    0`].
3. The C6 channel is used to calibrate the scale with a known weight. Press ZERO ▲ to set the value of C6 to [`C6    2`]. Press PRINT↵ . The display will flash `SPAN`, and then show [`LnE    2`].
4. Press ZERO ▲ to enter the number of weights you want to use (2-7); the more you use, the more accurate the calibration will be. (an example of 2 will be used)
5. Press PRINT ↵ to set your value. The screen will flash [`dbno0 1`] then [`000 100`]
6. Enter the lowest calibration weight value you will use (at least 10% of max capacity you set in C04) by using UNIT ◄ and COUNT ► to move the cursor left and right, and TARE ▼ and ZERO ▲ move the values down and up.
7. Place the calibration weight you have on the empty scale and press PRINT↵.
8. The scale will count down from 10 to 0. Once 0 has been reached, the display will show he screen will flash [`dbno02`] then [`000200`]
9. Enter the next calibration weight value you will use by using UNIT ◄ and COUNT ► to move the cursor left and right, and TARE ▼ and ZERO ▲ move the values down and up.
10. Place the calibration weight you have on the empty scale and press PRINT↵.
11. The scale will count down from 10 to 0. Once 0 has been reached, the display will show he screen will show `CALEnd`.
12. Then follow steps 26-31 on the single point calibration instructions

INDICATOR PARAMETER SETTINGS

The parameter settings menu has a calibration section (C01 to C07 explained above) and a parameter settings section (C08 and up).

To access the calibration section the seal switch (located at one corner of the PCB) must be OFF. This will allow access to all C01 and up settings. If the seal switch is ON, then only C08 and up can be accessed by the user. If you break the official seal by opening the back of the indicator to access the seal switch, you may need to have the indicator recertified. Be sure to adjust the seal switch back to the original setting after calibration/configuration has been performed.

To enter calibration/parameter settings, follow the procedure below:

1. Make sure the unit is set to either kg or lb
2. Press and hold the HOLD and PRINT key at the same time for 2 seconds
3. Navigate through the settings (C01 to C45) as shown in the table 4 below by using the arrow keys and return keys as labeled under each indicator button
4. Press the PRINT ⬅ key to enter/edit the parameter setting

Press the ACCUM key to save and exit settings at any time

Table 1. Indicator Parameter Settings

Function	Parameter	Settings/Options
Weighing Unit	C01	1 = kg 2 = lb 3 = gram 4 = oz Note: for calibration only kg or lb are allowed
Decimal Setting	C02	0 = no decimal 1 = 0.0 2 = 0.00 3 = 0.000 4 = 0.0000
Graduation Setting (readability of the least significant digit)	C03	options: 1/2/4/10/20/50 Example with no decimal places (ie. C02=0) 1 = 1 lb 2 = 2 lb 5 = 5 lb 10 = 10 lb 20 = 20 lb 50 = 50 lb
Maximum Capacity	C04	set max capacity ex. 100kg = 0100.00
Zero Calibration	C05	0 = zero calibration not needed 1 = set the zero calibration (Please ensure scale is empty and the stable light is on)
Calibration	C06	0 = calibration not needed 1 = Ready to calibrate with one calibration weight 2 = Ready to calibrate using multiple calibration weights (Linear) 3 = Sensitivity Output

Function	Parameter	Settings/Options
Restore Default Settings	C07	0 = do not restore 1 = restore to default settings
Warning Tone	C08	0 = turn off warning tone 1 = turn on warning tone
Automatic Power Off	C09	0 = turn off auto power off 10 = power off automatically if no change within 10 minutes 30 = power off automatically if no change within 30 minutes 60 = power off automatically if no change within 60 minutes
Power Saving Mode	C 10	LED Version OP900A: 0 = turn off power saving setting 3 = turn off display if no change within 3 minutes 5 = turn off display if no change within 5 minutes LCD Version OP900B: 0 = turn off the backlight 1 = backlight only when the weight changes or keyboard is pressed 2 = constant backlight
Hold Function	C 11	0 = turn off hold function 1 = Peak hold - Grabs the highest weight 2 = Manual hold - Grabs the current weight 3 = Auto hold - Automatically holds data when stable 4 = Average hold - for animal weighing, averages the weight from a sample of 3 seconds 5 = Auto Average hold - Average hold without the need to press the hold key
Unit Conversion	C 12	* See table 2
Upper Limit Alarm	C 13	Set upper limit within the max. capacity
Lower Limit Alarm	C 14	Set lower limit within the max. capacity
Inner Code Display	C 15	check the inner code (raw data)
Set Date	C 16	Set date from left to right: year/month/day
Set Time	C 17	Set the time from left to right: hour/minute/second
Communication Setting	C 18	Set the serial interface data output method: 0 = Turn off serial interface data output 1 = Continuous sending mode, for remote display 2 = Print to paper thermal ticket printer 3 = Command request mode, for computer. 4 = PC continuous sending mode, for computer 5 = PC/remote display, continuous sending mode 6 = Print to adhesive label thermal printer 7 = Print to Zebra/large adhesive label thermal printer 8 = Reserved
Baud Rate	C 19	0 = 1200 (for OP-910 remote display) 1 = 2400 2 = 4800 3 = 9600 (for all printers and OP-910X, OP-910XL) 4 = 14400

Function	Parameter	Settings/Options
Manual Zero Range	C20	0 = turn off manually zero setting 1 = ±1% max capacity 2 = ±2% max capacity 4 = ±4% max capacity 10 = ±10% max capacity 20 = ±20% max capacity 100 = ±100% max capacity
Initial Zero Range	C21	0 = no initial zero setting 1 = ±1% max capacity 2 = ±2% max capacity 5 = ±5% max capacity 10 = ±10% max capacity 20 = ±20% max capacity 100 = ±100% max capacity
Zero Tracking	C22	0= turn off zero tracking 0.5 = ±0.5d d = division 1.0 = ±1.0d 2.0 = ±2.0d 3.0 = ±3.0d 4.0 = ±4.0d 5.0 = ±5.0d Note: the zero tracking range can not be bigger than manual zero range
Zero Tracking Time	C23	0 = turn off zero tracking time 1 = 1 second 2 = 2 seconds 3 = 3 seconds
Overload Range	C24	00 = turn off overload range 01-99d = overload range setting d = division
Negative Display	C25	0 = -9d 10 = -10% max. capacity 20 = -20% max. capacity 50 = -50% max. capacity 100 = -100% max. capacity
Standstill Time	C26	0 = quick 1 = medium 2 = slow
Standstill Range	C27	1 = 1d d = division 2 = 2d 5 = 5d 10 = 10d
Digital Filter (for filtering moving weight such as animals)	C28	0 = turn off dynamic filter 1 = 1 digital filter strength 2 = 2 digital filter strength 3 = 3 digital filter strength 4 = 4 digital filter strength 5 = 5 digital filter strength 6 = 6 digital filter strength Note: The higher the number, the higher the filter strength

Function	Parameter	Settings/Options
Noise Filter	C29	0 = turn off noise filter 1 = 1 digital filter strength 2 = 2 digital filter strength 3 = 3 digital filter strength
Print Time and Date	C30	0 = yy.mm.dd 1 = mm.dd.yy 2 = dd.mm.yy 3 = yy.mm.dd
Analog Output Setting	C31	0 = 0 - 5V ouput 1 = 4 - 20mA output
Calibrate Current	C32	4 - 20mA current
Relay Output Setting	C33	0 = turn off relay output 1 = turn on relay output function 1 2 = turn on relay output function 2 3 = Reserved menu
Gravity of Calibration Location	C36	9.7000 - 9.9999
Gravity of Destination	C37	9.7000 - 9.9999
Version No.	C38	
Print Mode	C41	0 = auto mode 1 = gross mode 2 = tare mode
Print Carriage Return	C42	0 - 9 (How much space between print outs)
Space Print	C43	0 - 9 (Where the data prints on the paper: 0 = left ; 9 = right)
Date Print	C44	0 = do not print the date 1 = print the date
Time Print	C45	0 = do not print the time 1 = print the time
Baud Rade for 2nd RS232	C48	0 = 1200 (for remote display) 1 = 2400 2 = 4800 3 = 9600

Table 2. Unit Conversion Parameter Settings

Parameter Settings	Units Available
C01= 3 & C12= 0	gram only
C01= 4 & C12= 0	oz only
C01= 1 & C12= 0	kg only
C01= 1 & C12= 1	kg/lb
C01= 1 & C12= 2	kg/lb/oz
C01= 1 & C12= 3	kg/lb/lb:oz/oz
C01= 1 & C12= 4	kg only
C01= 2 & C12= 0	lb only
C01= 2 & C12= 1	lb/kg
C01= 2 & C12= 2	kg/lb/oz
C01= 2 & C12= 3	kg/lb/lb:oz/oz
C01= 3 & C12= 4	lb only

Table 3. Default Parameter Settings

Function	Parameter	Default Setting
Weighing Unit	C01	1
Decimal Setting	C02	0
Graduation Setting	C03	1
Maximum Capacity	C04	1000
Zero Calibration	C05	0
Calibration	C06	0
Restore Default	C07	0
Warning Tone	C08	1
Automatic Power Off	C09	0
Power Saving Mode	C10	0
Hold Function	C11	0
Unit Conversion	C12	1
Upper Limit Alarm	C13	000000
Lower Limit Alarm	C14	000000
Inner Code Display	C15	
Set Date	C16	
Set Time	C17	
Communication Setting	C18	0
Baud Rate	C19	3 (9600)
Manual Zero Range	C20	10
Initial Zero Range	C21	10
Zero Tracking	C22	0.5
Zero Tracking Time	C23	1
Overload Range	C24	9
Negative Display	C25	10
Standstill Time	C26	1
Standstill Range	C27	2
Digital Filter	C28	0
Noise Filter	C29	2
Print Time and Date	C30	0
Analog Output Setting	C31	1
Calibrate Current	C32	4
Relay Output Setting	C33	1
Multi-connection add.	C34	0
Wireless Communication	C35	6
Gravity of Calibration Location	C36	9.7936
Gravity of Destination	C37	9.7936

TROUBLESHOOTING

Error Codes

Error	Reason	Solution
ƯƯƯƯƯƯ	1. Overload 2. Wrong connection with load cell 3. Load cell has quality problem	1. Reduce the weight 2. Check load cell connection 3. Inspect load cell; Check the input/output 4. See Q&A section
∩∩∩∩∩∩∩	1. Calibration is no good 2. Wrong connection with load cell 3. Load cell has quality problem	1. Make sure scale is level 2. Check load cell connection 3. Check load cell input and output resistance 4. See Q&A section
Err 1	During calibration, weight is not used or the weight is above the max. capacity	Use correct weight within the defined range
Err2	During calibration, the weight is below the minimum required weight	The calibration weight minimum is 10% of the max. capacity set in C04. Recommended to use 60%-80% of max. capacity if possible
Err3	During calibration, the input signal is negative	1. Check all wire connections 2. Check load cell 3. Recalibrate 4. PCB replacement needed if steps 1-3 fail
Err4	During calibration signal is unstable	After the platform is stable, start calibration
Err5	EEPROM Error	Change PCB
Err6	Exceed Zero Range	See Q&A section

Q&A

Q:	**The scale does not turn on**
A:	Make sure the power cord is plugged in, and that there is power. One easy way to test this is by connecting another appliance to the same outlet and see if it's operational
Q:	**The reading goes negative when a load is applied**
A:	Try interchanging the Sig+ and Sig- wiring connected to the load cell and/or junction box (if one is used)
Q:	**How do I resolve ERR6 error?**
A:	Please follow the procedure below: 1) Turn on the indicator and make sure nothing is on the scale, and that the scale is level and not wobbling 2) Press and hold the "PRINT and HOLD" key simultaneously for a few of seconds 3) The screen will read "C01" 4) Using the arrow keys, change C01 to C20. You have to change the 1st digit from 0 to 2 first before you can change the 2nd digit 1 to a 0. 5) Press "PRINT" key to enter C20 parameter 6) Change the value of C20 on the right to 100 if possible using the up arrow key. If 100 is not available change to 20 7) Press "PRINT" key to enter your selection 8) The screen will read "C21" now 9) Press "PRINT" key to enter C21 parameter 10) Change the value on the right of C21 to 100 if available, 20 if not 11) Press "PRINT" key to enter your selection 12) he screen will read "C22" now 13) Press "TOTAL" key to save and exit 14) Power the indicator off and then on, and see if this resolves the ERR 6 issue. If not, then following the Q&A answers below for resolving "nnnnnn"and "uuuuuu" errors
Q:	**How do I resolve "nnnnnn" and "uuuuuu" error?**
A:	1) Check to see if the cable that runs from the indicator to the junction box is damaged. If it is, replace the cable. 2) Open up the junction box (if available) and check to see if there is any water damage. If so, replace the junction box 3) Make sure all the wires on all 5 terminal blocks (5 wires on each terminal block) are not loose. Re-tighten the screws even if the wires seem to be connected 4) Recalibrate 5) If steps 1-4 do not work, there is a possibility one or more load cells are defective (consult with support@optimascale.com for further instructions)

CONTACT US

Please e-mail sales@optimascale.com for any sales related questions.

Please e-mail support@optimascale.com for any support related questions.
or call 1(800) 360-9619 ext. 2

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