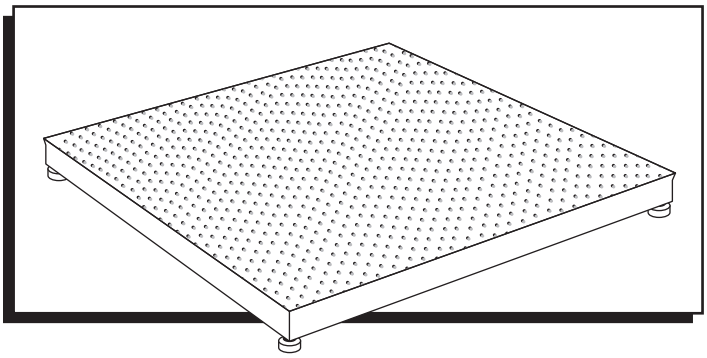
ULINE

LOW PROFILE FLOOR SCALE

1-800-295-5510
uline.com



SITE SELECTION

Select a site for your new floor scale where it is least likely to be damaged by fork trucks and other material handling devices. Floor scale load cell weighing elements are prone to overload damage caused by side impacts, falling objects and excessive weight loads that exceed the rated capacity of the scale.

Your site should be:

- Level within ¼".
- Free from vibration.
- Dry for standard, non wash-down floor scales.
- Clean of debris.
- Out of the way of vehicle traffic patterns, unless installed in a pit while having a rated capacity that exceeds all loaded vehicle weights that could possibly drive onto or contact the scale.

The cable from the floor scale to the digital weight indicator should be run through conduit to protect it against possible damage. Running the interface cable through conduit is the best method of protection.

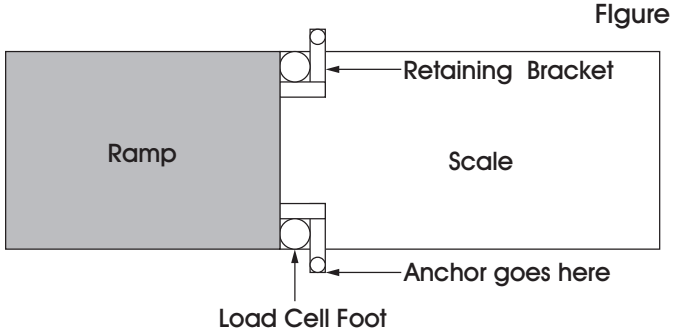
UNPACKING

1. Inspect your shipment for damage. If you see visible signs of damage, notify your carrier at once.
2. Remove your new floor scale from the shipping pallet.
3. Unpack the digital indicator. The indicator should include the digital indicator and power cord.

RAMP INSTALLATION (OPTIONAL)

Set your new floor scale in a desired location.
Position the scale feet inside the Ramp Retaining Brackets. (See Figure 1)
Anchor the ramp to the floor using two ½" x 3" anchors.

Figure 1



HEIGHT AND LEVEL ADJUSTMENTS

1. Unlock the nuts on all four feet.
2. Using a pry bar, lift the weight of the scale base off the scale feet.
3. Make adjustments by screwing the feet counter clockwise. All four feet should make firm contact with the floor.
4. Do not screw feet counter clockwise more than ten turns.
5. Tighten locknuts on feet.
6. Check your work.

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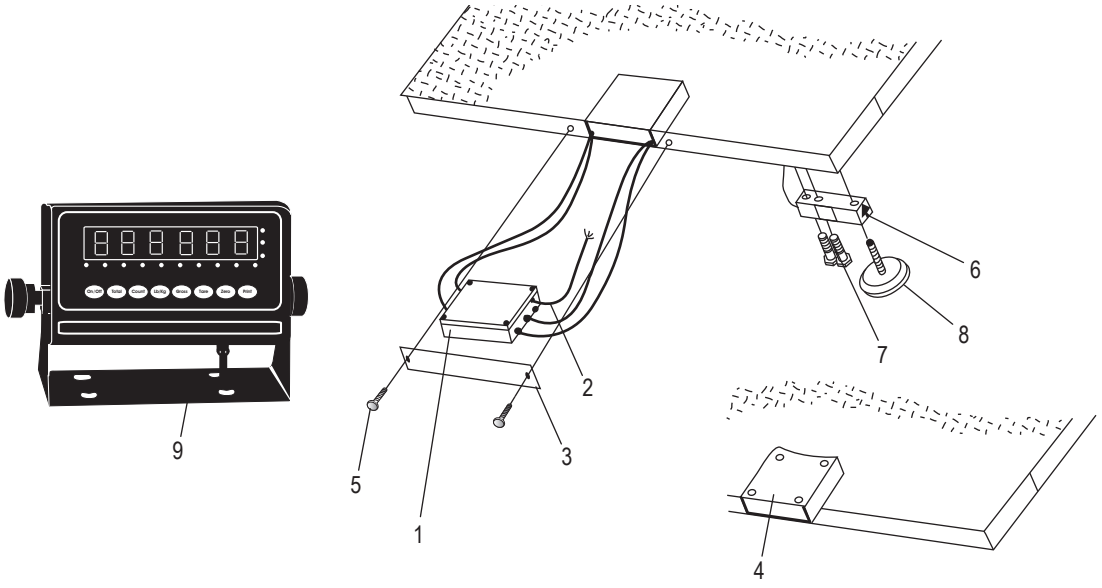
PARTS DIAGRAM



#	DESCRIPTION	QTY.	MFG. PART NO.
1	IN-34/Abs Box	1	53081
2	Instrument Cable LP-7510 Quick D	1	65088
3	Access Plate IN Series Domestic only	1	2915
4	Access Plate FS Series	1	2920
5	Access Plate Screw IN Series	2	2925
5	Access Plate Screw FS Series	4	2930
6	Load Cell - FS Series and IN Series 5,000 lb. Capacity (PA-6140-2.5K)	1	3000
6	Load Cell - FS Series and IN Series 10,000 lb. Capacity (PA-6140-5K)	1	30001
7	Load Cell Bolt	1	2935
8	Load Cell Foot - 1,000 lb. through 5,000 lb. cap.	1	5041
8	Load Cell Foot - 10,000 lb. cap.	1	5041
9	LP-7510 Digital Indicator	1	6508

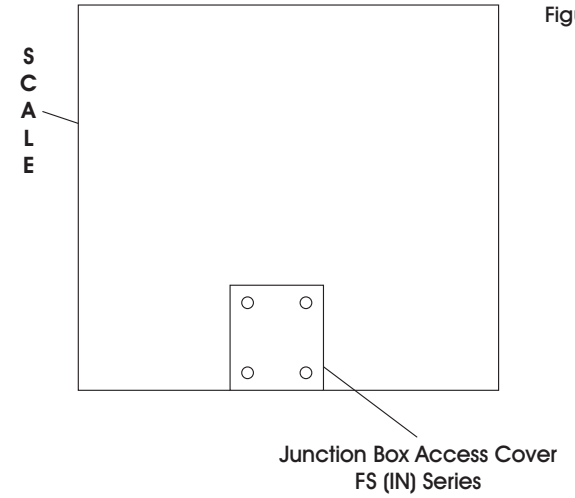
ASSEMBLY

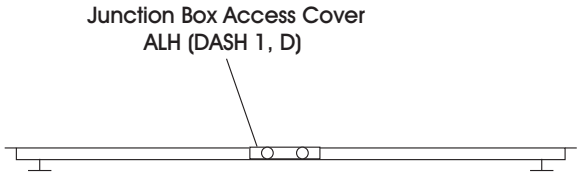
SET UP INSTRUCTIONS

NOTE: Your floor scale was shipped with the four threaded leveling feet adjusted for a flat and even floor. The leveling feet are locked in place with locknuts.

1. Plug the instrument cable connector into the digital weight indicator. This cable is located in the junction box compartment of the floor scale.
2. To access the instrument cable with connector, remove the screws from the access cover plate, and then remove the cover plate. (See Figure 2)

Figure 2





3. Route the cable from the inside of this compartment through the opening in the backside and out from under the scale to your digital weight indicator.
4. Plug the instrument cable connector into the digital weight indicator.
5. Plug the 110V power plug from the digital weight indicator into a 110V wall socket.
6. Press the power button located on the front of the indicator. The scale will automatically turn on when plugged in. You are now ready to weigh.

MODEL/SERIAL NUMBER LOCATIONS

The model identification label is located on the side of the frame next to the junction box access plate. Include both model number and serial number when making inquiries or ordering parts.

CALIBRATION

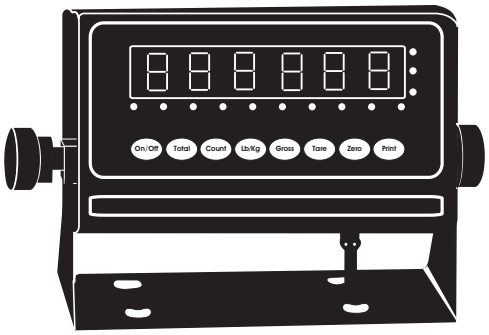
This scale was calibrated at the factory. **DO NOT ATTEMPT TO CALIBRATE THIS SCALE.**

STOP

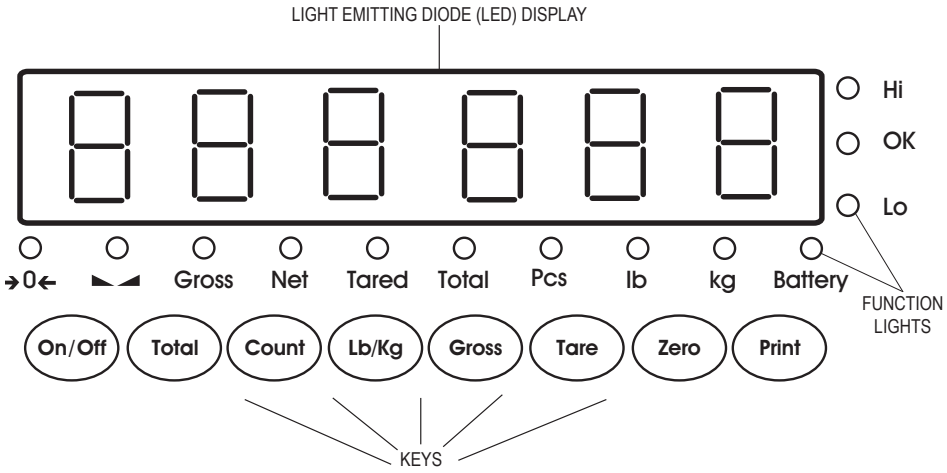
WARNING! Breaking, removing or tampering with the lead seal that locks-out the calibration switch on the digital weight indicator will void all warranties. Calibration is performed by certified scale service agencies only.

Contact Uline customer service for calibration information at 1-800-295-5510.

DISPLAY INDICATOR AND FUNCTION KEYS



The display indicator utilizes an LED (Light Emitting Diode) display. LED's are used indoors where brightness is needed. The tables below summarize the LED and Key Functions.



LED FUNCTIONS

LED	INSTRUCTION
8	Weighing data
kg	kg
lb	lb
Hold	Data hold
Gross	Gross weight
Net	Net weight
Tare	Tare
◣◢	The weighing data is stable
→0←	Weight is zero
Hi	Overload
OK	Ok
Lo	Underload
.	Decimal
PCS	Show the counting status
TOTAL	Go to accumulation mode

KEY FUNCTIONS

KEYS	KEY NAME	KEY FUNCTION
On/Off	Power on/off	Press 2 seconds to power on or power off
Total	Accumulation	• Accumulation • Works with "Print" key to perform the accumulation function and check the accumulation result
Count	Counting	Counting operation
Lb/Kg	Lb/Kg Convert	Convert between lb and kg
Gross	Gross weight	At N.W mode, check the G.W, after 3 seconds back to N.W automatically
Tare	Tare	• At G.W mode, get the tare weight. • At N.W mode, clear the tare, get the G.W
Zero	Zero	Zeros the weight within tolerance
Print	Print	• Works with "ZERO," "TARE," "ON/OFF" keys to perform functions. • Print

OPERATION

POWER ON/OFF

1. Press the On/Off key for two seconds to turn the scale on or off.
2. When turning on, the indicator will show 000000-999999 before entering weighing mode.
3. Check that the LED/LCD display and the status lights are working properly.

ZERO

INITIAL ZERO SETTING

When turning the scale on, if the weight on the display indicator is within the initial zero tolerance the indicator will show zero.

MANUAL ZERO SETTING

1. Wait for the scale to stabalize.
2. Press the Zero key. The display will show zero weight.

TARE

1. Press the TARE key.
2. The indicator will show the net weight. The Net and Tare function lights will light up.
3. Press the TARE key. Zero the weight.
4. The indicator will display the gross weight.

ACCUMULATION

1. Zero the weight. Load weight until the scale stabilizes.
2. Press the Total key to enter accumulation mode.
3. Total function light will light up. Display will read "n 001" then will display the loaded weight.
4. Unload the weight. Zero the weight. Load the second weight until the scale stabilzies.
5. Press the Total key. The display will read "n002" then display the second loaded weight.
6. Repeat a maximum of 999 times.

CHECK THE ACCUMULATION

1. Press and hold the Print key. Press the Total key.
2. Display will read "n**" then will show total weight.

NOTE: There are 8 digits total. The display shows the first 4 digits, then the last 4 digits. For example, when the first 4 digits displayed are, "0012" and the last 4 digits displayed are "34,56" the weight is "1234.56."

EXIT ACCUMULATION

1. When the indicator shows the last 4 digits, press and hold the Total key. The indicator will read "clr n."
2. Press the Print key to exit it. If you want to clear the total weight, press the Zero or Tare key. The indicator will read “clr y.”
3. Press the Print key to clear the total weight and exit accumulating mode.

PRINT

1. If the weight is stable, connect the scale to the printer.
2. Press the Print key.

NOTE: While in tare mode, print with tare. If the scale shows a negative weight, printing is not allowed.

COUNT

1. At weighing mode, load the weight on the platform.
2. Press the Count key. The indicator will read "PCS 0."
3. Press the Zero key. Enter the quantity. Press the Print key to enter.
4. Load the weight on the scale. The indicator will display the weight.
5. Press the Count key to return to weighing mode.
6. To weigh different weights, at weighing mode put the item on the scale and press the Count key. The indicator will read "0."
7. Press and hold the Count key. Press the On/Off key. The indicator will show "PCS 0."
8. Press the Zero key and input the sample quantity.
9. Press the Print key to enter. Repeat steps 2 and 3.

TROUBLESHOOTING

POSSIBLE TARE OPERATION CODES

ERROR	REASON	SOLUTION
UUUUUUUU	• Weight overload • Bad connection with load cell • Load cell has quality problem	• Reduce the weight • Check load cell connection • Inspect load cell. Check input and output
nnnnnnn	• Calibration error • Bad connection • Load cell has quality problem	• Check that scale is level • Check load cell connection • Inspect load cell. Check input and output

MAINTENANCE

- Protect the display indicator from direct sunlight.
- Maintain a good connection between load cell and indicator.
- Keep indicator away from strong electric and magnetic fields.
- Power off the indicator during electrical storms.
- Power off the indicator before plugging and unplugging.