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› SellEton SL-927 Industrial Tension Link Scale & SL-7510 LCD Indicator User Manual

SellEton 321679785532

SellEton SL-927 Industrial Tension Link Scale & SL-7510 LCD Indicator User Manual

Model: SL-927 with SL-7510 LCD Indicator | Capacity: 100,000 lb x 50 lb

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, maintenance, and troubleshooting of your SellEton SL-927 Heavy Duty Industrial Tension Link Scale paired with the SL-7510 LCD Indicator. This system is designed for high-capacity load measurement in industrial environments, suitable for cranes, hoists, and winches.

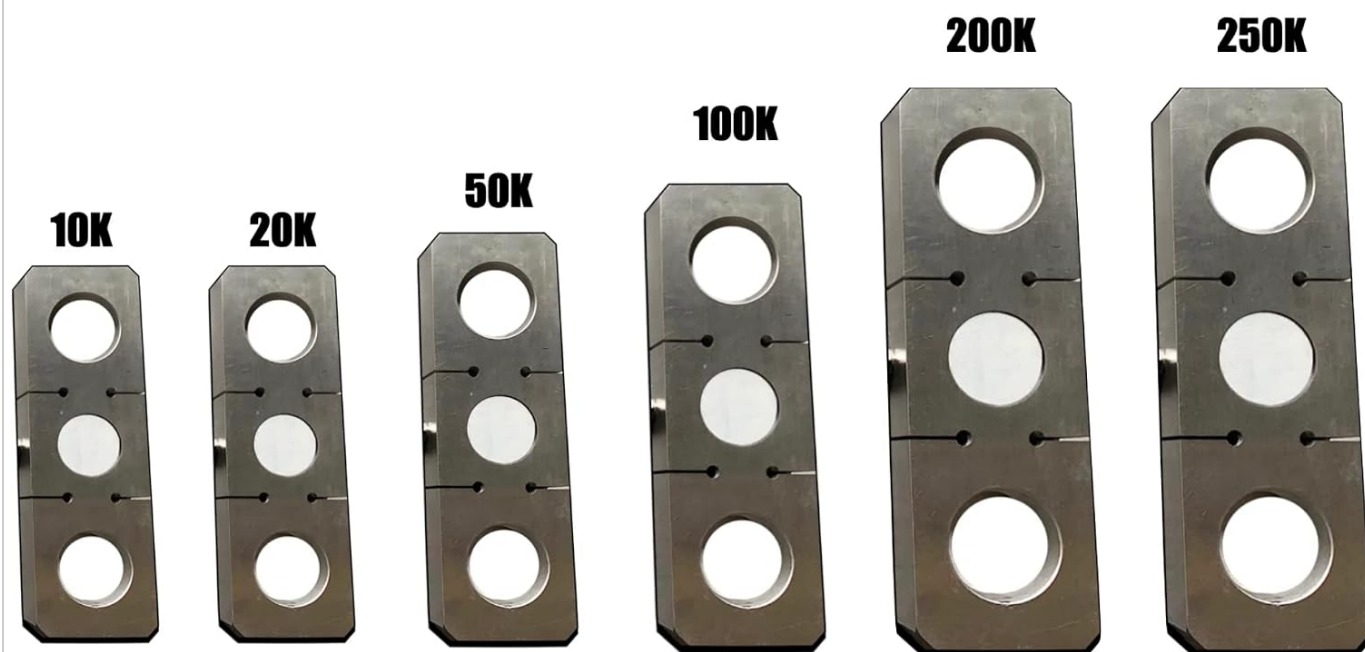


Figure 1: SellEton SL-927 Tension Link Scale with SL-7510 LCD Indicator.

2. SETUP

2.1 Unpacking and Inspection

Carefully unpack all components. Verify that all items listed in the packing list are present and undamaged. Report any discrepancies or damage to your supplier immediately.

2.2 Component Overview

- **SL-927 Tension Link Scale:** The primary weighing component, designed for heavy-duty applications.
- **SL-7510 LCD Indicator:** The display unit that shows weight readings and allows for various functions.
- **Connecting Cable:** Used to link the tension link scale to the indicator.

SL-7510 Mild Steel Indicator



Figure 2: The SL-7510 LCD Indicator.

2.3 Installation

1. **Secure Mounting:** Ensure the SL-927 Tension Link Scale is securely attached to the lifting apparatus (e.g., crane, hoist) and the load using appropriate shackles or rigging.
2. **Connect Indicator:** Connect the SL-7510 LCD Indicator to the tension link scale using the provided cable. Ensure connections are firm and secure.
3. **Power On:** Turn on the SL-7510 Indicator using the 'ON/OFF' button.

SellEton SL-927 Heavy Duty Industrial Tension Link Scale



Figure 3: SellEton Tension Link Scale in an industrial setting.

2.4 Pre-Calibration

The SellEton SL-927 system is typically pre-calibrated from the factory. However, it is recommended to verify calibration or perform a new calibration if accuracy is critical or if the unit has been subjected to significant shock or environmental changes. Refer to the calibration section in the full manual for detailed instructions.



Figure 4: Close-up of the high-capacity load cell, a core component of the tension link scale.

3. OPERATING INSTRUCTIONS

The SL-7510 LCD Indicator features several functions for precise weighing operations:

- **ON/OFF:** Powers the indicator on or off.
- **HOLD:** Freezes the displayed weight.
- **UNITS:** Cycles through available weight units (kg, lb, oz, grams).
- **TARE:** Zeros out the current weight, allowing for subsequent additions to be weighed accurately.
- **ZERO:** Resets the display to zero when no load is on the scale.
- **PRINT:** Sends the current weight data to a connected printer (if applicable).

3.1 Basic Weighing Operation

1. Turn on the indicator.
2. Ensure the display reads zero. If not, press the 'ZERO' button.
3. Apply the load to the tension link scale.
4. Read the stable weight displayed on the LCD.
5. Use 'TARE' if you need to weigh additional items or containers.

3.2 Changing Weight Units

The SL-7510 LCD Indicator allows for selection of various weight units. Follow these steps to change the units:

1. Turn on the indicator.
2. Press and hold the 'HOLD' and 'PRINT' buttons simultaneously until 'C0' appears.
3. Use the 'TARE' or 'ZERO' buttons to change the flashing digit to '1' (for C01).
4. Press 'PRINT' to save.
5. Use the 'UNITS' button to navigate to 'C12'.
6. Press 'PRINT'.
7. Use the 'TARE' or 'ZERO' buttons to change the flashing digit to '2' (for C12). This setting enables kilograms, pounds, and ounces. Refer to the unit conversion parameter settings table in the full manual for other combinations.

8. Press 'PRINT' to save.
9. Press 'ACCUM' to save and exit to weighing mode.
10. Now, repeatedly press the 'UNITS' button to cycle through kilograms (kg), pounds (lb), and ounces (oz).

Video 1: Demonstration on how to change units on the SL-7510 Indicator. This video illustrates the process of switching between different measurement units like pounds, kilograms, and ounces, by accessing the indicator's internal settings.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the scale and indicator with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the finish or electronic components. Ensure the indicator is protected from excessive moisture.

4.2 Battery Care

If your indicator uses a rechargeable battery, ensure it is charged regularly according to the manufacturer's recommendations to maintain optimal performance and battery life.

4.3 Inspection

Periodically inspect the tension link scale for any signs of wear, corrosion, or damage, especially around the load cell and connection points. Check the integrity of the connecting cable for cuts or fraying. Replace any damaged components immediately to ensure safety and accuracy.

5. TROUBLESHOOTING

5.1 Hard Resetting the SL-7510 Indicator

A hard reset can resolve certain operational issues or prepare the indicator for a new calibration. **Warning: Performing a hard reset will erase all previous calibration data and settings. Ensure you have a plan for re-calibration before proceeding.**

1. Turn on your indicator.
2. Press and hold the 'HOLD' and 'PRINT' buttons simultaneously until 'C0' appears.
3. Use the 'TARE' or 'ZERO' buttons to change the flashing digit to '7' (for C07). This is the factory reset setting.
4. Press 'PRINT'.
5. Use the 'TARE' or 'ZERO' buttons to change the flashing digit to '1'.
6. Press 'PRINT'. The display will show dashes, then 'C08'.
7. Press 'ACCUM' to return to weighing mode. The indicator is now factory reset.

This procedure is useful for troubleshooting issues such as suspected load cell problems, junction box faults, or other connectivity issues, by returning the indicator to a known default state.

Video 2: SellEton SL-7510 Indicator Troubleshooting Guide. This video demonstrates the process of performing a hard reset on the SL-7510 indicator, explaining its purpose in troubleshooting and the implications for calibration.

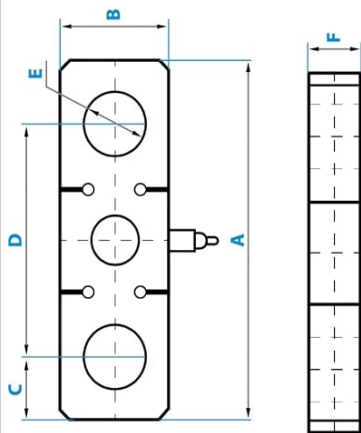
5.2 Common Issues

- **No Display:** Check power connection, battery level, and ensure the unit is turned on.
- **Inaccurate Readings:** Verify calibration, check for obstructions, or inspect load cell and cable for damage.
- **Unstable Readings:** Ensure the load is stable and not swinging. Check for environmental factors like wind or vibrations.

6. SPECIFICATIONS

Feature	Detail
Brand	SELLETON.COM ACCURATE SCALES WITH BETTER PRICING
Model Number	321679785532
Weight Limit	100,000 lb (as per product title, JSON has 110 Pounds which is likely an error for a 100,000 lb scale)
Material	Alloy
Indicator	SL-7510 LCD Indicator
Functions	On/Off, Hold, Units, Tare, Zero, Print, Accumulation
Display	Large LCD display for clear reading

Tension Link Load Cell



LB / inch	A	B	C	D	E	F
10k lb	11.125	3.55	1.875	7.25	2.015	1.5
25k lb	11.125	3.55	1.875	7.25	2.015	1.5
50k lb	12.2	4.33	2.01	8.27	2.13	1.69
100k lb	16.5	5.0625	2.375	11.875	2.84	1.97
200k lb	23.625	7.09	3.875	15.75	4.6	3.15
250k lb	23.625	7.09	3.875	15.75	4.6	3.15
KG/ mm	A	B	C	D	E	F
4535.92 k	282.575	90.17	47.625	184.15	51.181	38.1
11339.8 k	282.575	90.17	47.625	184.15	51.181	38.1
22679.6 k	309.88	109.982	51.054	210.058	54.102	42.926
45359.2 k	419.1	128.5875	60.325	301.625	72.136	50.038
90718.4 k	600.075	180.086	98.425	400.05	116.84	80.01
113398 kg	600.075	180.086	98.425	400.05	116.84	80.01

Figure 5: Detailed dimensions and load cell specifications for various capacities of the tension link scale.

Video 3: SL-927-250K Wireless Crane Scale | Heavy-Duty Tension Link. This video showcases the heavy-duty tension link scale in operation, demonstrating its robust construction and application in lifting and weighing scenarios.

7. WARRANTY AND SUPPORT

7.1 Customer Satisfaction

SellEton is committed to customer satisfaction. If you encounter any issues with your product, please do not hesitate to contact us. We are dedicated to providing full cooperation in solving your problem.

7.2 Return Policy

This product is eligible for a 30-day refund or replacement policy. Please refer to your purchase documentation for specific terms and conditions.

7.3 Manufacturer Information

Manufacturer: SELLETON.COM

Date First Available: March 22, 2017

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