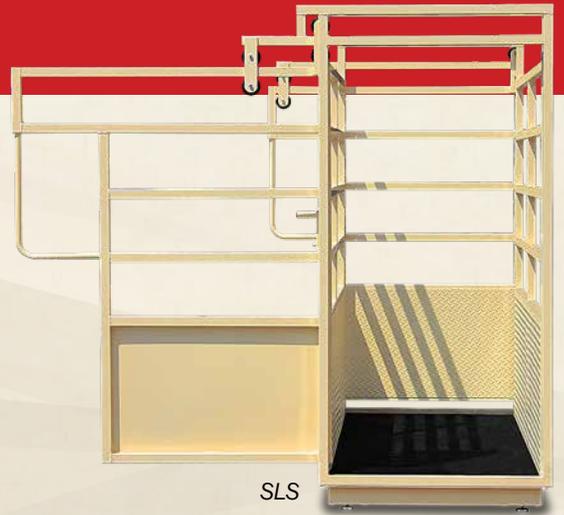




# LIVESTOCK SCALES GUIDE



LSC



SLS



LSM

# WEIGHT WRANGLER

★ MOBILE AND PORTABLE LIVESTOCK SCALES ★

## Mobile, Self-Contained Design

- Completely self-contained NTEP legal-for-trade mobile animal weighing
- Includes weight indicator, ticket printer, and battery (battery not included on standard LSP models)
- Weigh groups of cattle up to 15-20 head at a time
- Up to 20,000 lb capacity



## Self-Contained Design

Cardinal Scale's mobile and portable Weight Wrangler group animal scales provide a self-contained NTEP legal-for-trade weighing system that can be used on any firm surface with up to a 5% grade.



## User-Friendly Operation

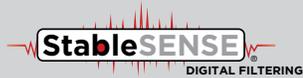
Lowering the mobile scale into weighing mode after transport is easy and can be quickly done by one person.

## Cardinal Scale's Mobile Weighing Center:

- Calculates shrink loss for livestock group
- Displays current head count, gross weight, and average weight
- Also displays previous and total head count, gross weight, and average weight
- Displays transaction number and transaction shrinkage
- Printable report summarizing above information per transaction
- Inclinometer detects scale angle to determine if angle is out of acceptable tolerance for weighing
- Weight indicator displays current tilt angle (will not display if out of NTEP tolerance)
- Comes with USB port to store transactions on portable USB drive
- Transactions stored on USB drive may be summarized for printing



Cardinal Scale's legal-for-trade 225 digital weight indicator, USB drive port, and CTP-1 ticket printer combine in the weatherproof, outdoor enclosure of the Weight Wrangler's mobile weighing center.



Cardinal Scale's weight indicators feature StableSENSE® digital filtering that refines the weight signal to produce a stable weight display in spite of motion on the scale platform due to animal movement.



### High-Quality Composite Flooring

Predefined floor plank seams in the scale deck, featured on both the mobile and portable models, prohibit debris from compiling underneath.

	MOBILE	PORTABLE
CAPACITY	<p><b>LSM1513-MWC225P</b></p> <p>13' L x 7' 4" W x 8' 2" H (not including tongue)</p> <p>15,000 lb x 5 lb</p> <p>Single Axle</p>	<p><b>LSP1513-MWC225P</b></p> <p>13' L x 7' 4" W x 8' 2" H</p> <p>15,000 lb x 5 lb</p> <p>Lower Frame</p>
	<p><b>LSM2018-MWC225P</b></p> <p>18' 5" L x 7' 4" W x 8' 2" H (not including tongue)</p> <p>20,000 lb x 5 lb</p> <p>Tandem Axle</p>	<p><b>LSP2018-MWC225P</b></p> <p>18' 5" L x 7' 4" W x 8' 2" H</p> <p>20,000 lb x 5 lb</p> <p>Lower Frame</p>



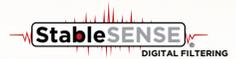
# HARVESTER®

PRECAST CONCRETE SCALE

## ★ STATIONARY GROUP LIVESTOCK SCALES ★

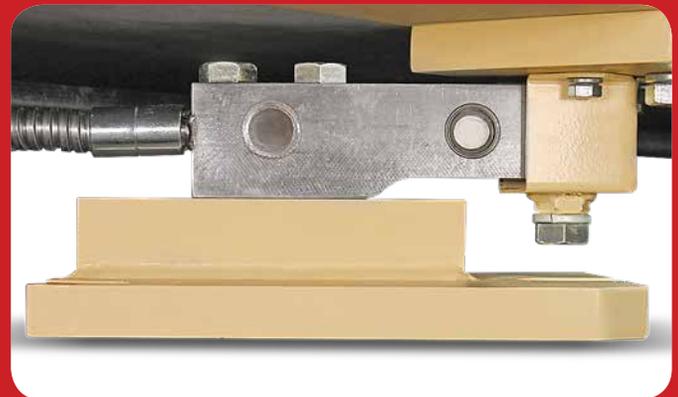
### Fully Electronic, Low-Profile NTEP Livestock Weighing

- **Overall Capacity:** 12.5 tons, 25 tons, or 30 tons
- **Construction:** Pre-cast concrete deck and mild steel livestock pens
- **Platform Width:** 10 ft.
- **Platform Length:** 17.5 ft., 35 ft., or 52.5 ft.
- **Clearance Height:** 81 in (from top of concrete deck to bottom of top bar)
- **Gate and Cattle Pen Height:** 66.5 in
- **Load Cells:** Cardinal model SB 20,000-lb stainless steel shear beam



### Checked Diamond Decking

Checked diamond pattern permanently etched into the concrete deck for hoof-gripping stability and animal safety.



### Stainless Steel Load Cells

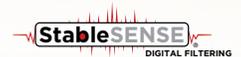
The LSC series utilizes Cardinal's 20,000-lb model SB stainless steel shear beam load cells which feature superior welded waterproof seals and protection against caustic, corrosive environments.

## Cattle Industry Standard Design

- **Overall Capacity:** Available in either 2,500 x 0.5 lb or 5,000 lb x 1 lb (dual range option also available)
- **Steel Tubing:** Mild steel 1.5-inch-square tubing
- **Paint:** Anti-corrosion, baked-on polyester powder paint
- **Platform Material:** Steel with rubberized non-skid mat
- **Mat Thickness:** 5/8-inch-thick rubber mat component flooring (included and required for NTEP)
- **Platform Sizes:** 20 x 60 in, 30 x 96 in, 36 x 96 in, 36 x 120 in, 48 x 96 in, and 48 x 120 in
- **Load Cells:** Four Cardinal Scale model TB 2,500 lb stainless steel load cells

# SLS

## ★ SINGLE ANIMAL LIVESTOCK SCALES ★



### Dual Slide-Out Gates

- Dual slide-track gates easily close and open with one hand using the large grab handle.
- Automatic stop for gate in livestock pen framework facilitates easy latching.
- Exterior latch inaccessible to livestock for safety.
- Gate enclosed on both sides by scale framework to firmly and safely secure livestock.



### Deck-Only Models Available

Ideal for horse weighing or versatile integration into pre-existing chutes and pens.

# LSE

## ★ STATIONARY GROUP LIVESTOCK SCALES ★

### Full Electronic Low-Profile Livestock Scales

- **Capacity:** 10 or 20 ton capacities available
- **Platform Sizes:** 18' x 10' up to 35' x 10'
- **Sections:** Two or three concrete decks
- **Modules:** One or two
- **Load Cells:** Four or six stainless steel beam load cells

\* Cattle pens not included



The low profile design 10" high reduces foundation costs to a minimum.



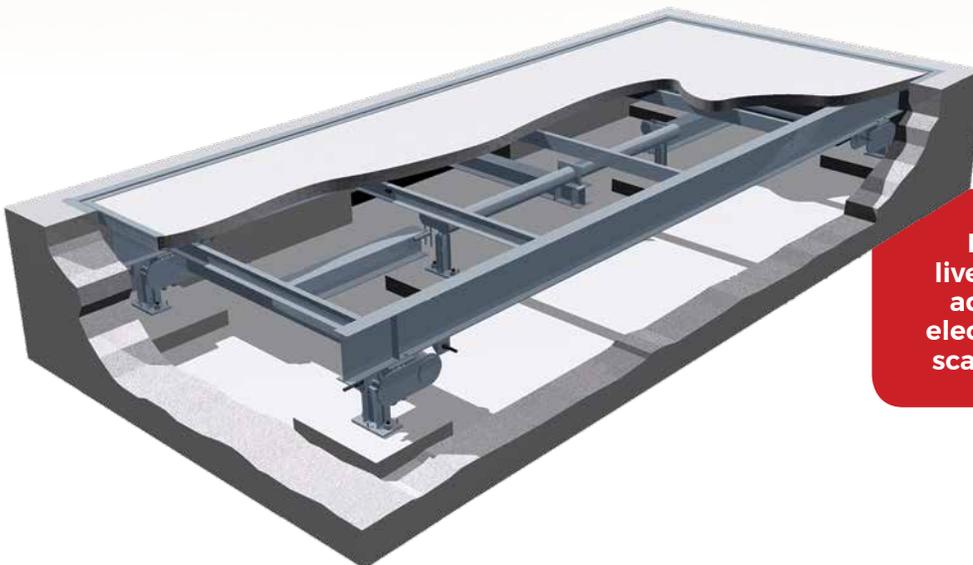
# LS

## ★ STATIONARY GROUP LIVESTOCK SCALES ★

### Electro-Mechanical Livestock Scales

- **Capacity:** 5, 10, 15, or 20 ton capacities available
- **Sizes:** 12' x 8' up to 26' x 14'
- **Fewer Levers and Parts – Less Wear and Tear**
- **Double-Link Suspension Bearings**
- **Concrete or Wood Deck Models**
- **Simple Pit Design**

\* Cattle pens not included



Electro-mechanical livestock scales have the advantages from both electrical and mechanical scale systems combined.

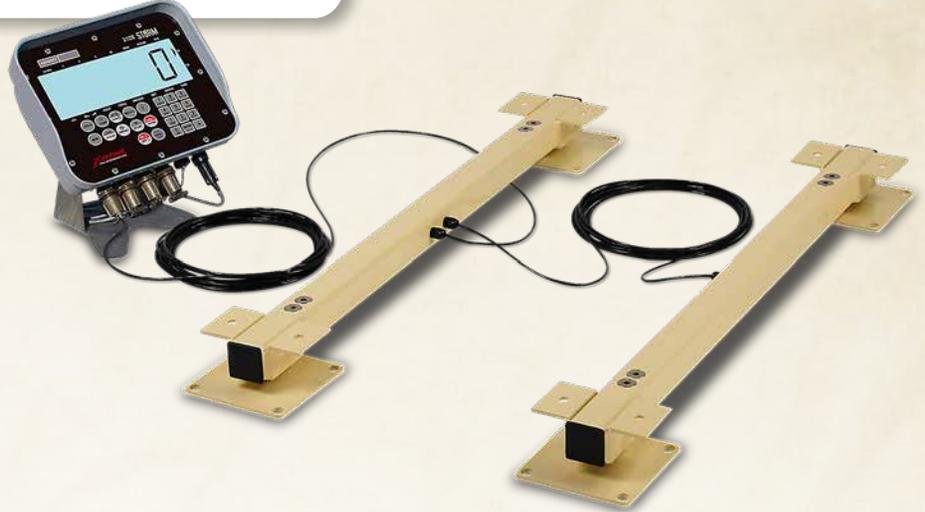


## ★ LB SERIES LOAD BARS ★

### Versatile, Customizable Weighing Applications

- Multi-purpose weighing use as cake scales, chute scales, bin scales, or small non-legal-for-trade livestock scales
- Cables included - no summing box needed
- Mild steel construction
- Up to 5,000 lb capacity and accurate to within +/- 1%
- Extra-wide foot plates for added stability and support

Manufactured for versatile use underneath a variety of farm applications, including alleyway platforms, cages, squeeze chutes, bins, hoppers, and other types.



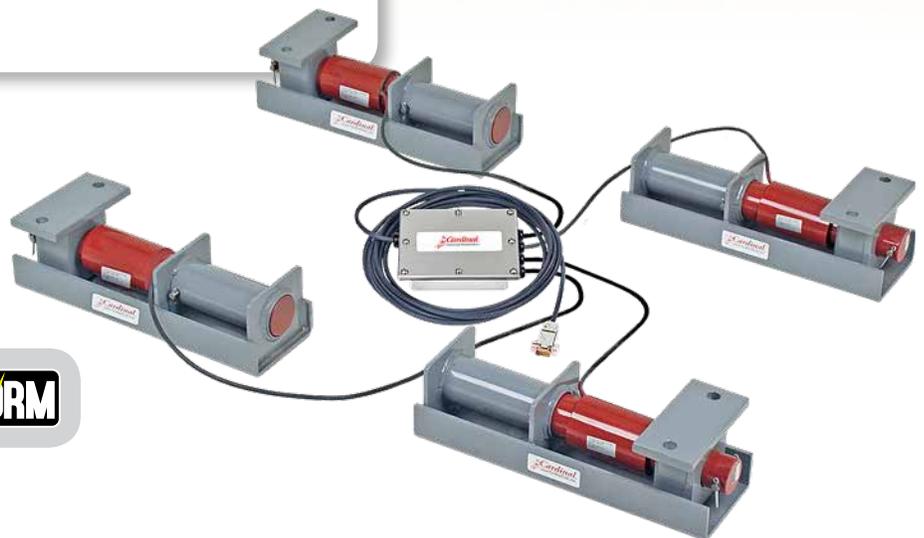
# LB

## ★ AGBAR SCALES ★

### Mobile or Static Weighing Farm Applications

- May be mounted between the truck or trailer frame and the box to form a mobile scale
- **Mobile Weighing:** Seed carts, feed mixers, or fertilizer spreaders
- **Static Weighing:** Small silo scales, pallet scales, or platform scales
- **Durable alloy steel construction**
- **No junction box is required**

The AGBAR kit paired with the Cardinal 212GX series Indicator is an ideal combination



# AG

# ★ DIGITAL WEIGHT INDICATORS ★

## 190

## STORM



StableSENSE  
DIGITAL FILTERING



### High-Temperature, High-Pressure Washdown Indicator

- **Enclosure:** Rugged, IP69 watertight, remarkably durable polycarbonate enclosure resists sharp objects and provides the maximum protection rating possible. Designed for high pressure water jet cleaning (1450PSI) at high temperatures of up to 176° F / 80° C.
- **Display:** Large 1-inch-high clearly-visible, backlit LCD.
- **Capacitive Touch Keys:** Keypad senses the operator's finger from the inside of the enclosure. There are no moving parts to wear out or exposed electronics.
- **Connectivity:** (1) bi-directional RS232 port.

## 212GX

## STORM



StableSENSE  
DIGITAL FILTERING



### From Basic to Complex Operation Using the Full Keypad

- **Enclosure:** Polycarbonate, perfect for a wide range of weighing applications.
- **Display:** Large, 2-in-high LCD.
- **Storage:** Up to 25 IDs, time, date, consecutive number, gross weight, head count and average head weight.
- **Keypad:** Color-coded membrane type, 24 keys.
- **Connectivity:** Four bi-directional serial ports. Sealed connectors allowing connection to load cells, optional relays, serial devices like a printer, remote displays, and networks.

## 225

## NAVIGATOR



StableSENSE  
DIGITAL FILTERING



### Completely Menu-Driven Set-Up Navigation

- **Enclosure:** Stainless steel.
- **Display:** Bright and bold display functions well indoors or in direct sunlight. 240 x 64 pixel monochrome graphics LCD with white LED backlight. 1-in-high weight digits.
- **Storage:** 200 IDs with cross reference and an additional 200 temporary IDs.
- **Printer Output:** nControl software for label/ticket creation with 6 programmable print formats.
- **Keypad:** 13 function keys, for commonly-used tasks, four soft keys, for menu-driven user-friendly operation, and 60 key color-coded keypad with QWERTY keys.
- **Connectivity:** Four each serial I/O ports, 8 each remote isolated inputs, and 16 each remote isolated outputs.

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