

# SR Scales®

by **SR** Instruments, Inc.

Model SRV942



Large Platform Scale

## Operating and Service Manual

*Serial Numbers: 2042+*

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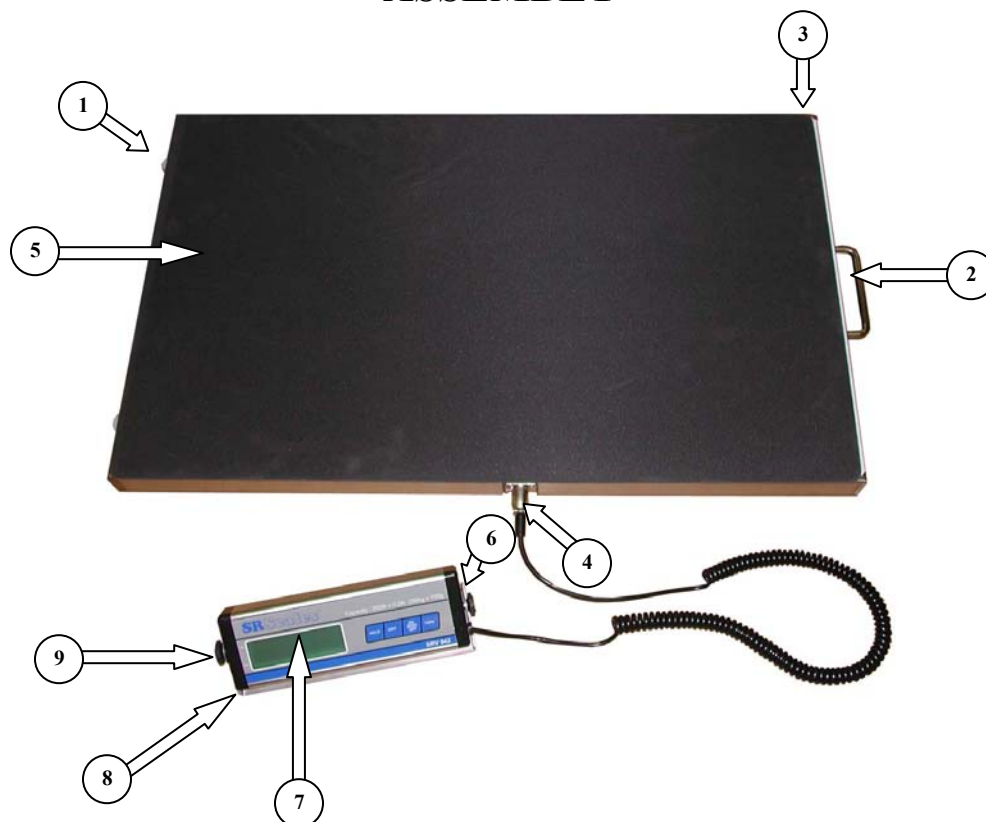
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## PACKING CHECKLIST – Model SRV942 Large Platform Scale

√	DESCRIPTION	QUANTITY
	STAINLESS STEEL PLATFORM	1 ea
	FOUR (4) LEVELING FEET	4 ea
	DISPLAY	1 ea
	AC/DC ADAPTER	1 ea
	MICROPHONE CONNECTION CORD	1 ea
	THUMB SCREWS	2 ea
	WALL MOUNT BRACKET	1 ea
	WARRANTY CARD	1 ea
	MANUAL	1 ea

## ASSEMBLY



**Figure 1: Assembled SRV942**

#	PART NAME
1	Two (2) Built-in Wheels
2	Handle
3	Four (4) Adjustable Leveling Feet
4	Microphone Connection Cord
5	Stainless Steel Platform
6	AC/DC Plug Inlet
7	Display
8	Wall Mount Bracket
9	Thumb Screws (2)

**STEP 1:** Unpack the Scale System and check parts against the **PACKING CHECKLIST**. If there are any missing or damaged parts, please call the Service Hotline: 1-800-654-6360.

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## ASSEMBLY cont'd

**STEP 2:** Figure (1) The Wheels (1) and Handle (2) are pre-assembled for your convenience.

**STEP 3:** Invert the platform upside down and securely screw the four (4) leveling feet (3) into the base of the Platform.

**STEP 4:** Figure (2) To attach the Display to the Platform, insert the coiled cable (4) with Microphone Connection into the Platform (5).

**STEP 5:** Insert the AC/DC adapter cord into the socket (6) on the side of the Digital Display (7) to charge the batteries.

**STEP 6:** Attach optional Wall Mount Brackets (8) to the Display with the two (2) Thumb Screws (9).



**Figure 2: Cable Connection to Platform**

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## REPLACEMENT PARTS AND ACCESSORIES

Part #	Description
SRV942 M	Replacement Mat
SRV942CH	AC/DC Adapter

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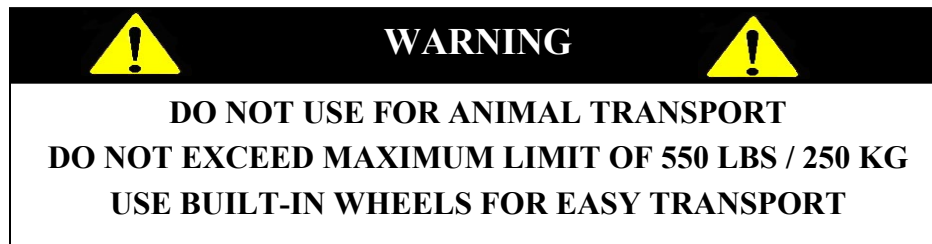
## SYSTEM DESCRIPTION AND INTENDED USE

### SYSTEM DESCRIPTION

The SRV942 Large Platform Scale is a low profile design, 2-½ in. height, which allows the animal easy step-on and off access. The remote electronic display with 6-foot flexible cable offers versatile mounting. Operated by a rechargeable battery with an AC/DC adaptor for continuous use, the SRV942 scale can be used in a fixed location or as a portable scale by using the built-in handle and wheels. The scale also features adjustable feet to ensure a level-weighing surface. The animal's weight is displayed on a five 1 inch digit LCD display.

### INTENDED USE

The SRV942 Large Platform Scale is designed for use as an animal weighing system for animals not exceeding 550 pounds. Please read the following warnings to avoid injury to the animal or attendant.

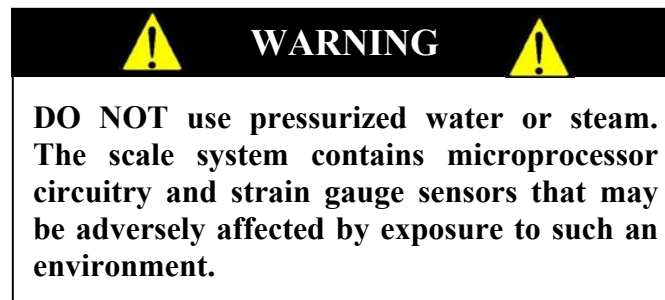


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## MAINTENANCE and CLEANING

The SRV942 Large Platform Scale is made with an enamel coated steel frame with a stainless steel cover. The platform is covered with a non-skid mat that is removable for easy cleaning. Exercise caution when cleaning the display window as it is made of a clear plastic and can be scratched by abrasive cleaners. Mild soap and water is recommended for general cleaning and disinfecting.



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## STORAGE and TRANSPORTATION

### STORAGE

To maintain proper operation of this instrumentation, storage and transport conditions should not vary outside the following conditions: Ambient Temperature 41°F to 95°F (5°C to 35°C).

### TRANSPORTATION

To transport the SRV942 Large Platform Scale from one location to another within the office, use the convenient built-in handle and wheels.

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## SPECIFICATIONS

<b>MAXIMUM WEIGHT CAPACITY</b>	550 lb, 250 kg
<b>PLATFORM SIZE</b>	22 in x 36 in x 1 ¾ in (56 cm x 89 cm x 5 cm)
<b>DISPLAY TYPE</b>	1.0" LCD display with 5 active digits
<b>DISPLAY RESOLUTION</b>	0.2 lb / 0.1 kg
<b>AUTO POWER DOWN</b>	120 Seconds
<b>HOLD</b>	Freezes the weight on the display.
<b>AVERAGING</b>	Automatic digital filter
<b>POWER SUPPLY</b>	Rechargeable battery with adaptor
<b>CALIBRATION</b>	Calibrated to manufacturing specifications.
<b>OPERATING CONDITIONS</b>	Normal operating conditions for this product: Ambient Temperature Range: 41°F to 95°F (5°C to 35°C). Avoid exposure to high-pressure water or steam.
<b>TRANSPORT and STORAGE</b>	Storage and transport conditions should not vary outside the following conditions: Ambient Temperature 41°F to 95°F (5°C to 35°C).

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## BUTTON FUNCTIONS



**Figure 3: Button Display**

**HOLD** The “**HOLD**” button is used to lock the current weight on the display.

**UNIT** The “**UNIT**” button is used to select pounds or kilograms.

**ON**  
**ZERO**  
**OFF** The “**ON/ZERO/OFF**” button is used to turn the scale on or off. It is also used to zero the display. Holding the “**ON/ZERO/OFF**” button will manually shut down the scale.

**TARE** The “**TARE**” button is used to subtract additional items the patient may have during the weighing process (ex: container).

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## BASIC SYSTEM OPERATION

### TURNING SYSTEM ON

Make sure the scale is free and clear of any obstructions. Press the “**ON/ZERO/OFF**” button. The display will read “**0.0**” when system is ready for weighing.

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## BASIC SYSTEM OPERATION cont'd

### REWEIGH (NEXT USE)

To reweigh the same or different patient, be sure the platform is free and clear of any objects. If the patient's weight was in the "HOLD" mode, the reading will not zero. "HOLD" button must be pressed to zero display. If the hold mode was not used, the display will return to "0.0" and is ready for weighing.

### UNIT

Press the "UNIT" button to toggle between pounds or kilograms. The system will remain in the same mode as last used unless manually changed. (Example: If the last weight displayed was in kilograms and the scale shuts down, the weight mode will be in kilograms when the scale is turned back on.)

### HOLD

The "HOLD" button is used to lock the weight on the display. The HOLD ► arrow on the left side of the display will flash when the weight is locked in. To disable the hold function, press the "HOLD" button again and the display will zero.

**NOTE:** Weight must be over 11.5 lbs or 5.2 kg to use the hold function.

### TARE

The "TARE" button is used to subtract the weight of items included in the weighing process other than the patient. Example: If a container is being used, it must be placed on the scale and the "TARE" button pressed. Display will read "0.0". The scale is in the NET mode and will read the patient's net weight when placed on the scale in the container.

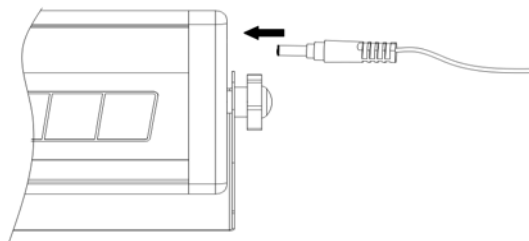
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## BATTERY RECHARGING

The digital display contains six metal hydride rechargeable batteries. The low battery indicator is displayed when the battery power is insufficient to power the scale.



### RECHARGING THE BATTERIES

Insert the AC/DC recharger adapter into the socket on the indicator head to recharge the batteries.



**Figure 4: AC/DC Recharger Adapter**

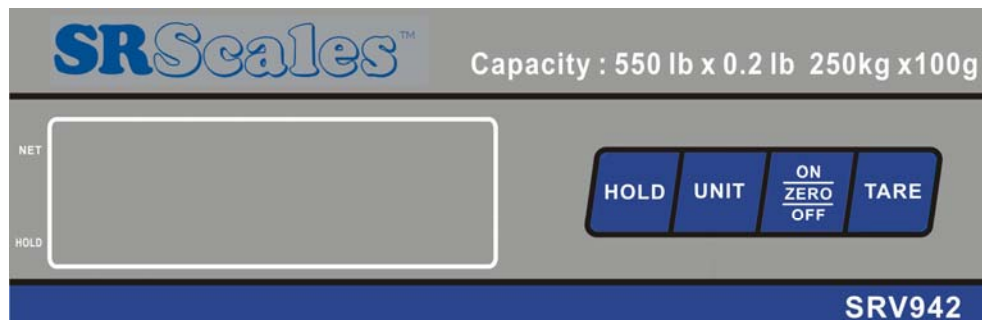
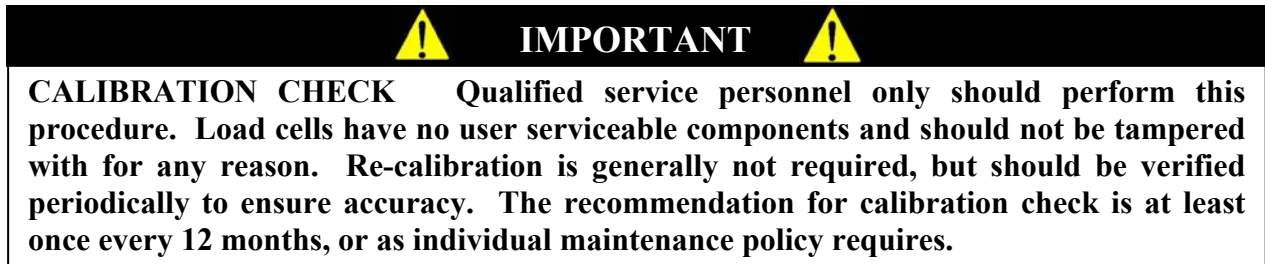
Recharging time is approximately 14 hours. The fully charged battery should give approximately eight hours of continuous use.

 <b>CAUTION</b> 
<b>Always connect the AC/DC adapter to the indicator head before connecting to the main power supply. Disconnect from the main power supply before disconnecting the adapter from the indicator head.</b>

### AC/DC ADAPTER

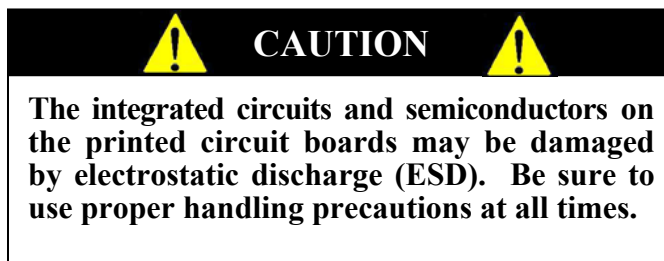
The scale uses a rechargeable battery pack or 15V 300mA AC/DC adapter.

## CALIBRATION



**Figure 5: Display**

- STEP 1:** Press and hold the “ON/ZERO/OFF” button and then press the “UNIT” button three times. Display shows zero count (2,000 ~ 10,000).
- STEP 2:** Press the “TARE” button. The display will zero.
- STEP 3:** Load 200 kilograms.
- STEP 4:** Display shows span count (8,000 ~ 16,000).
- STEP 5:** Press “TARE” button. Display shows CAL and then shows “200.0 kg”.
- STEP 6:** Remove the weight. The display will read “0.0”. Calibration is now complete. Press the “ON/ZERO/OFF” button (3 to 4 seconds) to manually turn scale off.



## TROUBLESHOOTING

SYMPTOM	REASON/CORRECTIVE ACTION
Display reads LOW	Battery needs recharging.
Display reads Err	If the total weight exceeds the maximum capacity of the scale, remove weight from the surface.
Hold Button will not hold	Hold button will not hold weight reading if the weight is less than 11.5 pounds (5.2 kilograms).
<b>For additional information or assistance, phone our Service Hotline: 1-800-654-6360 or e-mail: <a href="mailto:sri@srinstruments.com">sri@srinstruments.com</a></b>	

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## WARRANTY

### TWO (2) YEAR LIMITED WARRANTY

Each **SR Scales**<sup>®</sup> system is manufactured with high quality components. SR Instruments, Inc. warrants that all new equipment will be free from defects in material or workmanship, under normal use and service, for a period of two (2) years from the date of purchase by the original purchaser. Normal wear and tear, injury by natural forces, user neglect, and purposeful destruction are not covered by this warranty. Warranty service must be performed by the factory or an authorized repair station. Service provided on equipment returned to the factory or authorized repair station includes labor to replace defective parts. Goods returned must be shipped with transportation and/or broker charges prepaid. SR Instruments, Inc.'s obligation is limited to replacement of parts that have been so returned and are disclosed to SR Instruments, Inc.'s satisfaction to be defective. The provisions of this warranty clause are in lieu of all other warranties, expressed or implied, and of all other obligations or liabilities on SR Instruments, Inc.'s part, and it neither assumes nor authorizes any other person to assume for SR Instruments, Inc. any other liabilities in connection with the sale of said articles. In no event shall SR Instruments, Inc. be liable for any subsequent or special damages. Any misuse, improper installation, or tampering, shall void this warranty.

### DAMAGED SHIPMENTS

Title passes to purchaser upon delivery to Transportation Company. Any claims for shortage or damage should be filed with the delivery carrier by purchaser.

### RETURN POLICY

All products being returned to SR Instruments, Inc. require a Return Goods Authorization number (RGA). To receive an RGA, call our Technical Service Team at 716-693-5977 or toll-free in the USA and Canada at 800-654-6360.

When inquiry is made, please supply model and serial numbers, purchase order, if the scale was bought on contract, and reason for return.

Generally, deleted, damaged, and outdated merchandise will not be accepted for credit. A minimum restocking charge of 15% will be assessed on return of current merchandise.

All returns are to be shipped **FREIGHT PREPAID** to: SR Instruments, Inc., 600 Young Street, Tonawanda, NY 14150.

### RESTOCKING FEE

- **15% fee** for any scale that has been opened and used
- **10% fee** for any scale returned that has been ordered incorrectly or refused delivery with no model change
- **5% fee** if an error in ordering has been made and a different model exchanged
- **No fees** will be charged if the scale is returned because of an error on the part of SR Instruments, Inc.
- **No returns** accepted after 60 days.

# **SR**Scales®

By **SR**® Instruments, Inc.

**Precision & Technology in  
Perfect Balance™**