

SR Scales®

by **SR®** Instruments, Inc.

Model SRV942KG



Large Platform Scale

Operating and Service Manual

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PACKING CHECKLIST – Model SRV942KG Large Platform Scale

√	DESCRIPTION	QUANTITY
	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 SRV942KG

#	PART NAME
1	Two (2) Built-in Wheels
2	Handle
3	Four (4) Adjustable Leveling Feet
4	Microphone Connection Cord
5	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

REPLACEMENT PARTS AND ACCESSORIES

Part #	Description
SRV942CH	AC/DC Adapter

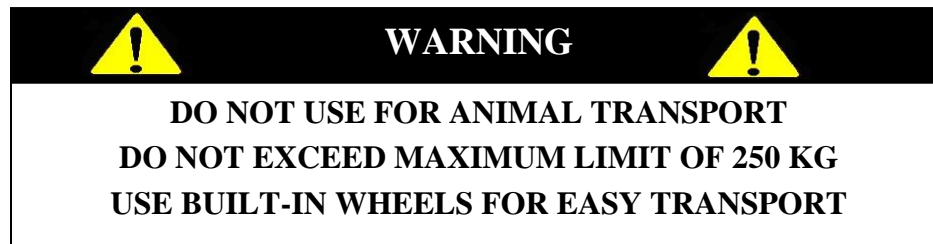
SYSTEM DESCRIPTION AND INTENDED USE

SYSTEM DESCRIPTION

The SRV942KG 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 SRV942KG 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 SRV942KG Large Platform Scale is designed for use as an animal weighing system for animals not exceeding 250 kilograms. Please read the following warnings to avoid injury to the animal or attendant.



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 SRV942KG Large Platform Scale from one location to another within the office, use the convenient built-in handle and wheels.

CLEANING and DISINFECTING

CLEANING

To clean the display / user interface and other scale contact areas:

- Use a soft cloth dampened with water and mild detergent to clean scale surfaces.
- Wipe surface with clean soft cloth dampened with water and then dry with clean soft cloth.
- Do not use abrasive materials to clean scale surface to prevent damage to the surface finish.
- Do not spray liquid directly onto scale surfaces. Use only a damp cloth.

DISINFECTION

To disinfect the display / user interface and other scale contact areas:

- Use a soft cloth dampened with disinfectant or a damp disposable disinfectant cloth. Cloth cannot be dripping wet. Follow manufacturer's instruction on the proper use of commercially available disinfectants.
- Disinfectant solutions with 1% sodium hypochlorite or 70% isopropyl alcohol are suitable for display / user interface and other scale contact surfaces.
- After disinfecting, use a soft cloth dampened with clean water and dry with a soft clean cloth to prevent buildup of material on scale finish.
- Do not use abrasive material to disinfect / clean scale surfaces to prevent damage to the surface finish.
- Do not spray liquid directly onto scale surfaces. Use only a damp cloth.

WARNING: DO NOT SPRAY CLEANING SOLUTION OR LIQUIDS DIRECTLY ON SURFACES TO BE CLEANED.

WARNING: EXPOSURE TO EXCESSIVE LIQUID WILL DAMAGE USER INTERFACE KEYPAD.

WARNING: DO NOT USE PRESSURIZED WATER OR STEAM. THE SCALE SYSTEM CONTAINS ELECTRONIC COMPONENTS THAT MAY BE ADVERSELY AFFECTED BY EXPOSURE TO SUCH AN ENVIRONMENT.

SPECIFICATIONS

MAXIMUM WEIGHT CAPACITY	250 kg
PLATFORM SIZE	22 in x 36 in x 1 ¾ in (56 cm x 89 cm x 5 cm)
DISPLAY TYPE	1.0" LCD display with 5 active digits
DISPLAY RESOLUTION	0.1 kg
AUTO POWER DOWN	120 Seconds
HOLD	Freezes the weight on the display.
AVERAGING	Automatic digital filter
POWER SUPPLY	Rechargeable battery with adaptor
CALIBRATION	Calibrated to manufacturing specifications.
OPERATING CONDITIONS	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.
TRANSPORT and STORAGE	Storage and transport conditions should not vary outside the following conditions: Ambient Temperature 41°F to 95°F (5°C to 35°C).

BUTTON FUNCTIONS



Figure 3: Button Display

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

UNIT Button has been disabled on this model.

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 animal may have during the weighing process (ex: container).

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.

REWEIGH (NEXT USE)

To reweigh the same or different animal, be sure the platform is free and clear of any objects. If the animal’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

Button has been disabled on this model.

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 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 animal. 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 animal’s net weight when placed on the scale in the container.

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.

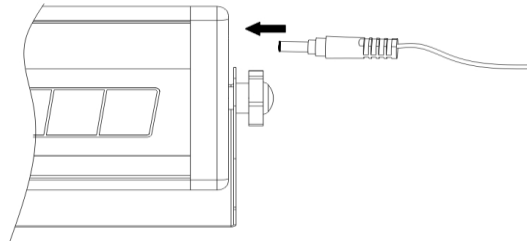
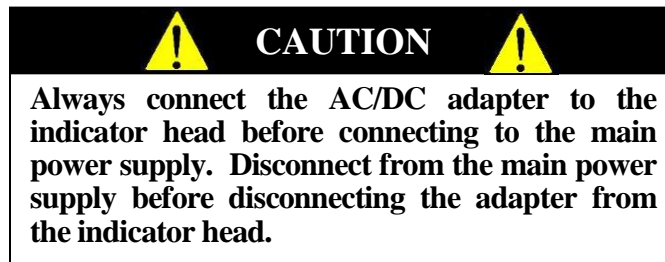


Figure 4: AC/DC Recharger Adapter

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



AC/DC ADAPTER

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

CALIBRATION

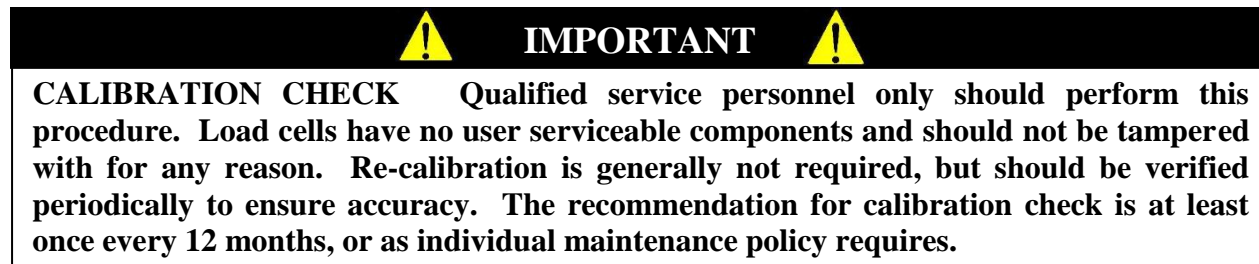


Figure 5: Display

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).

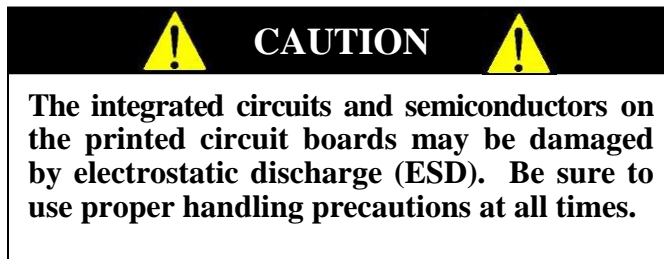
STEP 2: Press the “TARE” button. The display will zero.

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 5.2 kilograms.
For additional information or assistance, phone our Service Hotline: 1-800-654-6360 or e-mail: sri@srinstruments.com	

WARRANTY

TWO (2) YEAR LIMITED WARRANTY

Each **SR Scales**[®] 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. Purchaser should file any claims for shortage or damage with the delivery carrier and should refuse any shipment that has obvious external damage.

RETURN POLICY

All products being returned to SR Instruments, Inc. require a Return Goods Authorization number (RGA). To receive an RGA, call our Customer Service at 716-693-5977 ext 103 or toll-free in the USA and Canada at 800-654-6360 ext 103.

When inquiry is made, please supply model and serial numbers, purchase order 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 unless scale is returned because of SR error.

No returns will be accepted after 30 days.

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

RESTOCKING FEE

- **15% fee** will be assessed on return of current merchandise
- **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 30 days.

NOTES

SR Scales[®]

By **SR** Instruments, Inc.

**Precision & Technology in
Perfect Balance**[™]