

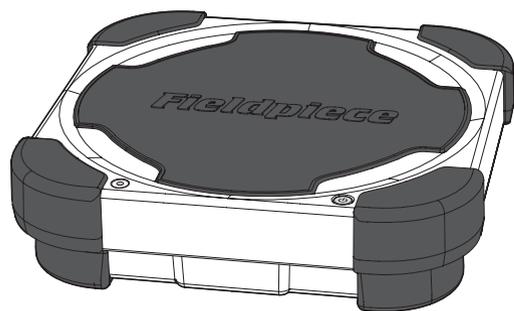
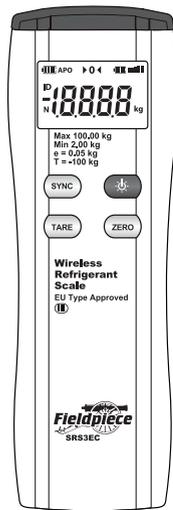
Fieldpiece

Wireless Refrigerant Scale

EU Type Approved

OPERATOR'S MANUAL

Model SRS3EC



Quick Start

- 1 Install the 9V battery into the remote display and 6 x AA batteries into the platform.
- 2 Press  for 1 second to turn on the platform.
- 3 Press  for 1 second to turn on the display.
- 4 Read weight directly on the display.

Description

Your new SRS3EC Wireless Refrigerant Scale combines modern wireless electronics and rugged materials to perform at the high level you demand.

The platform is made of thick aluminum to maintain accuracy over the life of the product. Rubber pad and bumpers cushion both the tank and the scale itself. Platform electronics are sealed to block the occasional moisture seen from rain and splashing. Hang the remote display from a condenser or anywhere metallic and easy to see. The magnetic folding hat holds it right where you put it.

Use your Fieldpiece digital manifold or mobile device to view weights directly in the Fieldpiece Job Link® system mobile app. Use the app to log and document refrigerant use to comply with new standards (EPA Section 608).

Maintenance

CLEANING: Clean the exterior with a damp cloth.

Do not use detergents or solvents.

BATTERIES: The batteries in the remote or platform must be replaced when its battery life indicator on the remote  is empty. Remove rear battery cover and replace.

Buttons



Press for 1 second to power the platform on/off.



Press for 1 second to power the remote on/off. Tap for backlight. Press for 5 seconds to while remote is off to see firmware version.



Press for 1 second to zero. No weight should be on the scale.



Press for 1 second to tare a cylinder for charging and recovering refrigerant.



Press for 1 second to search for available platforms to connect to.

Display Icons

APO Auto Power Off Enabled on Platform

 Remote Display Battery Life

 Platform Battery Life

 Wireless Signal Strength

kg Kilograms

N Net Weight

 **0** Weight Zeroed

Specifications

Specifications good in ambient conditions of 73°F ±9°F

(23°C ±5°C), <75% relative humidity

Over range: "OL" is displayed

Maximum load: 100.00 kg

Auto power off: 30 minutes of inactivity (no change in weight or buttons pressed), (APO can be disabled)

Backlight: Blue, turns off in 2 minutes if no buttons are pressed

Accuracy:

±0.03%rdg + 0.01 kg, 0 to 30 kg

±0.05%rdg + 0.01 kg, 30 to 99 kg

Resolution and Units:

kg (0.01 kg)

Temperature coefficient: 0.1 x (specified accuracy) per °F

Wireless Range: 1000 feet (305 meters) line of sight.

Obstructions affect distance.

Radio Frequency: 2.4 GHz

Battery Type:

Remote Display: 9V, NEDA 1604, JIS 006P, IEC 6F22

Platform: 6 x AA, NEDA 15A, JIS UM3, IEC LR6

Battery Life:  is displayed when the battery voltage drops below the operating level.

Remote Display: 80 hrs typical alkaline (backlight off)

Platform: 200 hours typical alkaline

Operating environment: 32°F to 122°F (0°C to 50°C) at <75% RH

Storage temperature: -4°F to 140°F (-20°C to 60°C), 0 to 80% RH (with battery removed)

Weight: 7.3 lbs (3.3 kg)

Minimum Operating Voltage:

Remote Display: 6.0V

Platform: 6.3V

Water resistant platform: Designed to IP55

Functions

Weight Measurement

Your SRS3EC scale is designed to measure refrigerant tanks weighing up to 99 kg. *Placing items over 100 kg on the scale may damage the scale.*

- 1 Remove the scale from the padded case and place the platform on solid, level ground.
- 2 Press  for 1 second to turn on the platform.
- 3 Press  for 1 second to turn on the display.
- 4 Press ZERO for 1 second to zero out the scale.
- 5 Set your tank on the platform and press TARE for 1 second to view only the change in refrigerant.
- 6 View the change in weight in real-time when charging or recovering refrigerant.

Backlight

Tap  to turn on the blue backlight on the LCD. This is useful when the sun is going down on late day jobs or any dark situation. The backlight uses extra battery power than standard use.

Auto Power Off (APO)

If the weight is unchanged for 30 minutes, the platform will automatically power off.

To disable APO, while power is on tap  twice on the platform. The LED will briefly blink red and APO will not be shown on the display.

To enable APO, while power is on tap  twice on the platform. The LED will briefly shine red and APO will be shown on the display.

Using the Job Link® system app as a display:

Go to Measurements and favorite the SRS3EC platform to the tool manager in the app.

Tech Tips

Respect the Environment

Always use hoses with ball valves or low-loss fittings to minimize harmful refrigerant gases entering the atmosphere.

Account for Your Hose Weight

Connect the hoses to the system and tank before zeroing the scale. After charge/recovery is finished and the system is stable, note the weight before removing hoses.

Level the Platform

Place the platform on a sturdy surface. Adjust the 4 feet until the scale is leveled. Ensure the bubble of the built-in level is within the circle before weighing.

Limited Warranty

This scale is warranted against defects in material or workmanship for one year from date of purchase from an authorized Fieldpiece dealer. Fieldpiece will replace or repair the defective unit, at its option, subject to verification of the defect.

This warranty does not apply to defects resulting from abuse, neglect, accident, unauthorized repair, alteration, or unreasonable use of the instrument.

Any implied warranties arising from the sale of a Fieldpiece product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Fieldpiece shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss.

State laws vary. The above limitations or exclusions may not apply to you.

Obtaining Service

For international customers, warranty for products purchased outside of the U.S. should be handled through local distributors. Visit our website to find your local distributor.

Important Notice

The display and platform of each SRS3EC are calibrated system and share a common serial number from factory for maximum accuracy. Both components of this system must be sent together to a local calibration laboratory for proper pairing, calibration, and serial number documentation of this scale, a non-automatic weight instrument, in accordance with:

EU directive 2014/31/EU
EN 45501:2015
OIML R 76 (2006)

Certifications and Module IDs



EN 300 328



Regulatory Compliance Mark



UK Conformity Assessed



Waste Electrical and Electronic Equipment



SRS3R: 2ALHR001

SRS3P: 2ALHR004



Restriction of Hazardous Substances Compliant

IC: Industry Canada

SRS3R: 22518-BT001

SRS3P: 22518-BT004

IFETEL: Federal Telecom Institute

SRS3R: RCPFI2A18-0237

SRS3P: RCPFI2A18-0236

EU Type Approved

Max 100 .00kg

Min 2.00 kg

e = 0.05 kg

Accuracy class III

EU type-approval certificate number: T12137

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver.
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- . Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Industry Canada licence-exempt RSS-247 standard. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement: This equipment complies with IC RSS-102 radiation exposure limit set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0.5 cm between the radiator and your body.
Fieldpiece Instruments 1636 West Collins Avenue, Orange, CA 92867

IFETEL Statement

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

The operation of this equipment is subject to the following two conditions: (1) this device or device may not cause harmful interference, and (2) this device or device must accept any interference, including interference that may cause undesired operation.