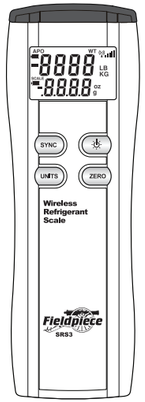
Fieldpiece

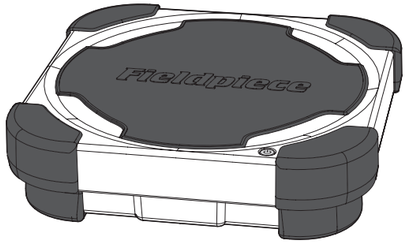
GENERAFRIO

Wireless Refrigerant Scale

OPERATOR'S MANUAL

Model SRS3





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.

Certifications

EN300 220

Remote FCC ID: 2ALHR001
Platform FCC ID: 2ALHR002

RCM

WEEE

RoHS Compliant

Description

Your new SRS3 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 bumpers and pad cushion both the tank and the scale itself.

A new wireless protocol sends platform measurements to both the included remote display and the Fieldpiece Job Link™ mobile app.

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.

Maintenance

Clean the exterior with a dry cloth. Do not use liquid.

The batteries of the remote or platform must be replaced when its battery life indicator 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.

ZERO — Press for 1 second to zero (tare).

UNITS — Press for 1 second to cycle through units.

SYNC — 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
SCALE	Platform Battery Life
	Wireless Signal Strength
LB	Pounds
KG	Kilograms
oz	Ounces
g	Grams

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: 252 lbs (114 kg)
Auto power off: 30 minutes of inactivity (no change in weight or buttons pressed), (APO can be disabled)
Backlight: Blue, turns off in 60 seconds if no buttons are pressed
Accuracy:
±0.03%rdg + 0.25 oz (10 g), 0 to 66 lbs (0 to 30 kg)
±0.05%rdg + 0.25 oz (10 g), 66 to 252 lbs (30 to 114 kg)
Resolution and Units:
lb oz (0.25 oz), lb (0.1 lb), oz (0.1 oz),
kg g (10 g), kg (0.1 kg), g (10 g)
Temperature coefficient: 0.1 x (specified accuracy) per °F
Wireless Range: 100 feet (30 meters)
Radio Frequency: 2400 MHz
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 hours typical alkaline (without backlight)
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)

Fieldpiece
Designed in USA
MADE IN TAIWAN

Functions

Weight Measurement

Your SRS3 scale is designed to measure refrigerant tanks weighing up to 252 lbs. *Placing items over 252 lbs 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 UNITS for 1 second to cycle through LB OZ, LB, OZ, KG G, KG, and G.
5 Press ZERO for 1 second to tare the scale.
6 Set your tank on the platform and zero again to view only the change in refrigerant.
7 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.

Syncing a Display to a Platform

The included remote display is setup to view the platform at the factory. You shouldn't ever need to re-sync them. You can sync two SRS3 remote displays to a single SRS3 platform if desired.

1 Press SYNC for 1 second.
2 The ID# of a detected platform will show. (This ID# is printed on the platform.)
3 Tap SYNC to cycle through any other platforms detected.
4 Press SYNC for 1 second to select a platform.

Job Link™: If using the Job Link mobile app as a display, add the SRS3 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.

Use Your Appropriate G-Value

Acceleration due to gravity in m/s^2 (G-Value) varies slightly depending on your altitude *and* location. Here are few cities' examples:

Los Angeles (default)	9.796
New York City	9.802
Paris	9.809
Sydney	9.797
Denver	9.798

1 Hold UNITS while powering on display.
2 With the current G-Value showing, tap SYNC to increase value. Tap UNITS to decrease value.
3 Tap ZERO to save and exit.

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.

Fieldpiece Instruments
1636 West Collins Avenue
Orange, CA 92867

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

E-mail Fieldpiece warranty department at fpwarranty@fieldpiece.com for current fixed price repair service. Send check or money order made out to Fieldpiece Instruments for the amount quoted. If your meter is under warranty there will be no cost for the repair/replacement. Send your scale, freight prepaid, to Fieldpiece Instruments. Send proof of date and location of purchase for in-warranty service. The meter will be repaired or replaced, at the option of Fieldpiece, and returned via least cost transportation.

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.

www.fieldpiece.com

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