

Fieldpiece

Refrigerant Scale with Weight Alarm

OPERATOR'S MANUAL

Model SRS1



Quick Start

- 1 Install the 9V battery into the controller.
- 2 Place the platform on solid, level ground for best accuracy.
- 3 Press ON/OFF for 1 second to turn on the scale.
- 4 Press UNITS for 1 second to switch between LB, LB OZ, OZ and KG.
- 5 Press ZERO for 1 second to tare the scale.
- 6 Read weight directly on the display.

Certifications



CE



WEEE



RoHS Compliant

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Description

Your new SRS1 refrigerant scale will be with you day in and day out for charging and recovery. It's just big enough to fit a canister and has the ruggedness you expect. No wasted material. The walls are made of thick aluminum to maintain accuracy over the life of the product.

Hang the controller on a vented condenser so it's easy to see, and use the backlight when the sun's going down late in the day. The magnetized back holds it tight.

Quickly set the charge/recover alarm using the big numeric key pad- no more scrolling digits. Set the tank on the platform, dial in how much you want to charge, and wait for the alarm to tell you it's time to close the valve.

Throw it over your shoulder when you need your hands free to carry other equipment or to climb up a ladder.

Rubber feet and a rubber pad soften the impact of daily use. Your new scale is easy to use and does what you need. It has all the right stuff for HVACR.

Specifications

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

(23°C ±5°C), <75% relative humidity

Over range: "OL" is displayed and beep sounds

Maximum load: 110 lbs (50kg)

Auto power off: 30 minutes of inactivity (no change in weight or buttons pressed), (APO disabled in charge/recover mode)

Backlight: Blue, turns off in 60 seconds if no buttons are pressed

Accuracy: ±(0.05%rdg + 10g)

Resolution and Units:

LB OZ (1 LB, 0.25 OZ), LB (0.02 LB), OZ (0.25 OZ), KG (0.01 KG)

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

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

Battery life: 80 hours typical alkaline (without backlight)

Low battery indication: is displayed when the battery voltage drops below the operating level

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: 6.6 lbs (3.00 kg)

Maintenance

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

The battery must be replaced when the battery life indicator is empty. Remove rear battery cover and replace with 9V battery.

Limited Warranty

This meter 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

Email Fieldpiece warranty department 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.

Functions

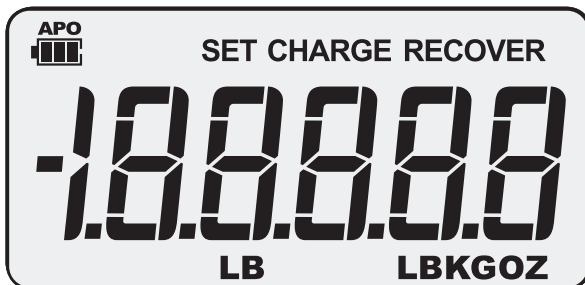
Weight Measurement

Your SRS1 scale is designed to measure refrigerant tanks weighing up to 110 lbs. *Note: Placing items over 110 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 ON/OFF for 1 seconds to turn on the scale.
- 3 Press UNITS for 1 second to switch between LB, LB OZ, OZ and KG.
- 4 Press ZERO for 1 second to zero (tare) the scale.
- 5 Set your tank on the platform and zero again to view only the change in refrigerant.
- 6 View the change in weight in real-time when charging or recovering refrigerant.

Backlight

Press LIGHT 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.



Weight Alarm

You can set the alarm to sound when approaching a set weight. This is useful when you know how much you want to add or remove from the system and you want to work on other things nearby. It is best to do a practice run before using on a job so you know how it works.

- 1 Set the tank on the platform
- 2 Select desired units.
- 3 Press CHARGE or RECOVER.
- 4 Use the number keys to enter how much refrigerant you want to add (charge) or remove (recover). If in LB OZ mode, press ENTER to move to OZ.
- 5 Press ENTER.
- 6 The display will now show 0.0 and you can begin charging or recovering.
- 7 The alarm will sound when the weight gets close to the weight you entered, so you know when to close the valve.
- 8 Press ENTER/EXIT to exit CHARGE/RECOVER mode.
- 9 Press REPEAT to automatically set the alarm to the last entered weight.

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.

Fieldpiece
Designed in USA

Test Equipment Depot - 800.517.8431
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