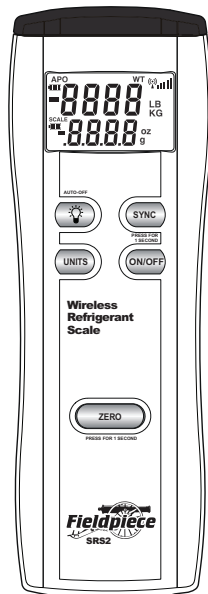
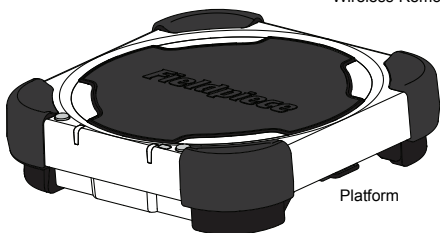


# WIRELESS REFRIGERANT SCALE: SRS2



Wireless Remote



Platform



## OPERATOR'S MANUAL

## Introduction

The SRS2 is a rugged wireless scale designed specifically for weighing refrigerant cylinders. The wireless remote control is securely stored inside the back of the rugged scale platform. The remote has a bright blue backlight. The remote can be hung by the magnetic hat for easy, hands-free measuring. The platform is made of solid aluminum with rubber corners to protect against the hazards of daily use.

## SRS2 Quickstart

### Operation:

1. Turn on the remote. The platform will turn on automatically if synchronized and in stand-by mode.
2. Zero (tare) the scale by holding the ZERO button on the remote for one second.
3. Press the UNITS button on the remote to select pounds or kilograms.
4. Read weight directly on the remote's display.

### SYNCHRONIZATION:

If "no Sig" or "CH USEd" is displayed when the remote is powered on, you need to SYNC the remote to your platform.

1. Check that the platform is powered on.
2. Hold the SYNC button on the remote until search pattern appears.
3. During the search, hold the SYNC button on the platform until green SYNC LED blinks.
4. If the sync is successful, the SYNC LED will go solid and a reading will be shown on the display.

## Features

- Wireless communication between the platform and remote control.
- The remote stores in the body of the platform for convenient carrying.
- Solid aluminum platform with rubber corners means your scale is rugged enough for the field.
- Diamond plated rubber pad keeps cylinders from sliding around the platform.
- Easy synchronization between the platform and the remote.
- Highly accurate weight sensor.
- Magnetic hat on the remote allows for convenient display location and keeps your hands free.
- Zero (tare) the scale from the remote.
- Remote control remembers the last zero point, even after powering on and off (you won't lose your calibration even if the scale turns off).
- Bright backlight allows you to read the remote display in any lighting.
- Auto-power off conserves battery life.
- Battery life for both the platform and remote control are visible at all times.
- Wireless signal strength indicator.
- The platform automatically goes into standby when the remote is turned off.
- Long battery life.

## Safety

This instrument complies with the requirements of the following:



FCC Rule Part: 15C

CE: EN300 220



C-Tick

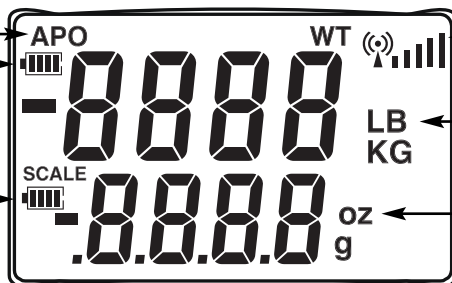
N22675

Opman SRS2 v09

**APO:** Auto Power Off turns the scale off after 15 minutes. To disable APO, hold the backlight button and then press the ON/OFF button.

Battery life remaining for remote control.

Battery life remaining for the scale platform.



Wireless signal strength between remote and platform.

Major unit reading, in pounds (Lb) or kilograms (Kg).

Minor unit reading, in ounces (oz) or grams (g).  
Combine with major unit for total weight.  
For example: if the upper display shows 14 Lb and the lower display shows 11.50 oz, the total weight is 14 Lbs and 11.50 oz.

## Tech Tips for the Field

### Respect the environment

Always use low loss hose fittings to minimize harmful refrigerant gases entering the atmosphere.

### Hoses affect weight

There are two ways to handle this issue:

#### EASY WAY

Connect the hoses to the system before zeroing the scale. Once the system is stable, log the weight displayed before disconnecting from the system.

#### HARD WAY

Zero the scale without hoses connected. Then, connect hoses to the system, and add or recover refrigerant. Disconnect the hoses from the system and the tank. Now the display will show the weight of the added or recovered refrigerant.

## Maintenance

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

**Battery replacement:** Separate battery indicators for the remote and the platform are shown on the display.

Replace the remote's battery with a NEDA type 1604 9V battery. The scale platform will also indicate low battery by the illumination of the LOW-BATT LED. When this is lit, replace the platform batteries with 6 AA batteries.

## SPECIFICATIONS

**Overrange:** "OL" mark indication.

**Auto power off:** 15 minutes.

**Operating environment:** 32°F (0°C) to 122°F (50°C) at <75% R.H.

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

**Accuracy:**  
 $\pm 0.03\% \text{rdg} + 0.25\text{oz (10g)}$  0 to 66lbs (0 to 30kg)  
 $\pm 0.05\% \text{rdg} + 0.25\text{oz (10g)}$  66 to 220lbs (30 to 100kg)

**Resolution:** 0.25 oz or 10g

Specifications good in ambient conditions of 73°F  $\pm 9^\circ\text{F}$  (23°C  $\pm 5^\circ\text{C}$ ), <75% relative humidity.

**Temperature Coefficient:** 0.1x(specified accuracy) per °F.

**Wireless Range:** 33ft (10 meters)

**Maximum load:** 220 lbs (100kg)

**Power:** Remote control: Single standard 9-volt battery, NEDA 1604, JIS 006P, IEC 6F22.

Platform: 6 x AA batteries

**Battery life:**

Remote control: 80 hours (continuous use) with alkaline battery.

Platform: 100 hours (continuous use) with alkaline.

**Weight (platform + remote control):** 7.1lbs (3.2kg)

## Limited Warranty

This scale is warranted against defects in material or workmanship for one year from date of purchase. 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

Call Fieldpiece Instruments for warranty service or out of warranty pricing. Send check or money order for the amount quoted. Send the meter freight prepaid to Fieldpiece Instruments. Send proof of date and location of purchase for in-warranty service. The scale will be repaired or replaced, at the option of Fieldpiece, and returned via least cost transportation.

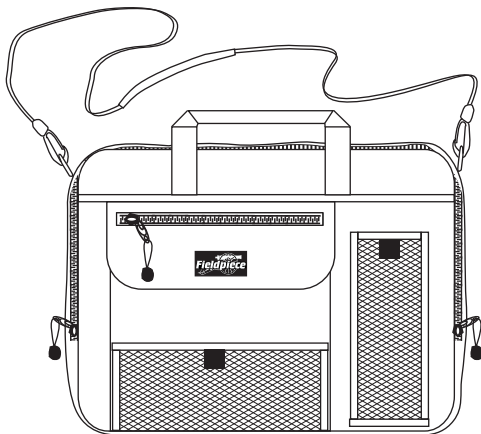
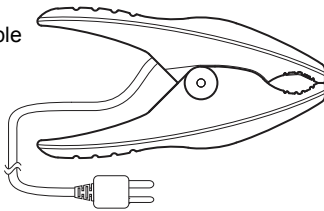
**Fieldpiece**  
 Designed in USA  
MADE IN TAIWAN

## More from Fieldpiece

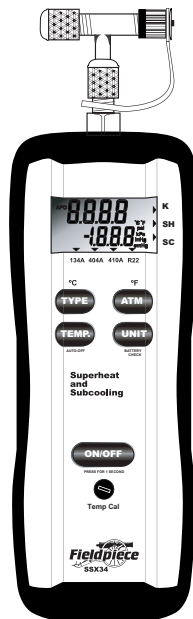
The SRS2 wireless refrigerant scale is designed for HVAC/R technicians. Here are some other standalone products from Fieldpiece Instruments.

ATC1

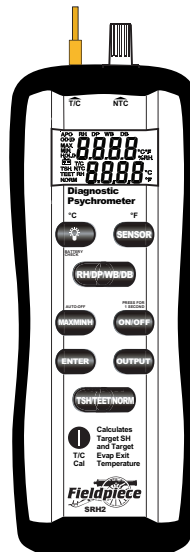
K-type Thermocouple  
 Pipe Clamp



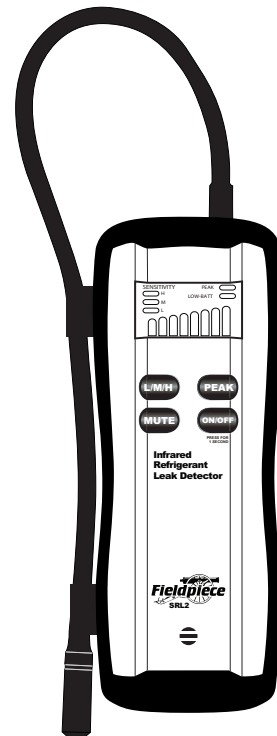
ANC3  
 Briefcase Style  
 Carrying Case



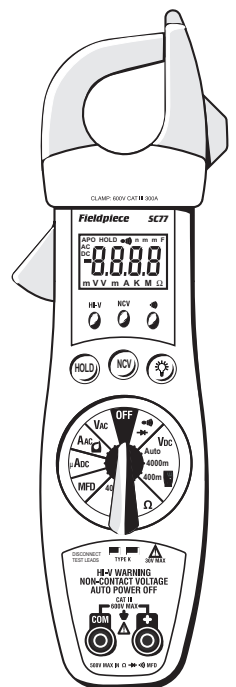
SSX34  
 Superheat and  
 Subcooling for A/C  
 and Refrigeration



SRH2  
 Diagnostic  
 Psychrometer



SRL2  
 Infrared Refrigerant  
 Leak Detector



SC77  
 All-in-one Expandable  
 Clamp-on Meter