



Fieldpiece

Hand-held
instruments
for **HVAC/R**
installation, maintenance and repair



Professional-grade
instruments for field service

V2-2008

NEW

HVAC Arsenal



NEW

HVAC Guide™ Tester

Model: HG1 (available now)

Guides HVAC technicians through the following tests:

- Target Evaporator Exit Temperature
- Superheat ■ Subcooling
- Combustion ■ CheckMe! (HG2)

PAGE 8



NEW

Diagnostic Psychrometer

Model: SRH2 (Q2 2008)

Measures %RH and temperature..

Calculates:

- Target Evaporator Exit Temperature
- Target Superheat
- Wet bulb ■ Dew point

PAGE 48



NEW

Original Stick Meter

Model: HS26 (Q2 2008)

Back by popular demand, the classic stick meter still works with all heads:

- 400 AAC with included current clamp
- Microamps DC ■ Rugged ABS case
- Capacitance ■ O-ring sealed

PAGE 12



NEW

Combustion Check Meter

Model: SOX2 (Q2 2008)

Find %O₂, %CO₂, and excess air. Includes pump and high-temperature thermocouple.

- Natural Gas ■ Propane
- Oil #2 ■ Cond./Non-Cond.

PAGE 49



NEW

Data Logger

Model: DL3 (Q2 2008)

A great product made better. Record measurements over time, automatically, manually or set triggers.

- Trigger function to log outside a range
- Enhanced data scrolling

PAGE 18



NEW

Infrared Refrigerant (available now)

Leak Detector Model: SRL2

The industry's most advanced refrigerant leak detector:

- CFC, HFC, and HCFC refrigerants
- Sensor built to last 10 years
- Moisture blocking filter

PAGE 50



NEW

Dual-Display Clamp Meter

Model: SC52, SC53 (available now)

Read amps and volts at the same time. Like having two meters in your hand.

Exclusive parameters to each:

- Microamps, Diode (SC52)
- Temperature, Capacitance (SC53)

PAGE 28



NEW

Combustible Gas (Q3 2008)

Leak Detector Model: SGL2

Quick, straight-forward tool for finding combustible gas leaks.

- Heated diode sensor
- 9-hour lithium polymer ion battery
- One-handed testing ■ Rubber boot

PAGE 51

HVAC GUIDE™

GUIDED PROBE TESTER

NEW

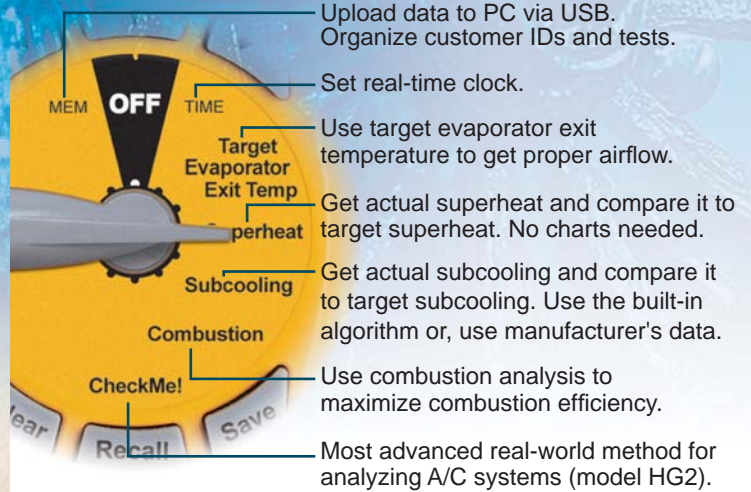
The HVAC Guide™ tester is the industry's first easy to use, hand-held tool that leads field technicians step-by-step through critical HVAC tests. Tests include: Superheat, Subcooling, Target Evaporator Exit Temp, and Combustion Analysis.



More effective HVAC installation and maintenance.

- ✓ Minimize call-backs.
- ✓ Easier.
- ✓ Faster.
- ✓ Better.
- ✓ Less reliance on off-site technical assistance.

How it Works:



Enter Data on the INPUT FORM

INPUT FORM
SH Table: Standard
Refrigerant: R-22
OD Dry Bulb: 95.8°F
ID Wet Bulb: 71.3°F
SL Pressure: 64.2psig
SL Temp: 41.0°F
Customer ID: JONES123

Superheat Test INPUT FORM

Enter data on the INPUT FORM. Each line is a step in the test being performed.

Three ways to enter data.

1. Automatically from accessory head. Select appropriate line on the INPUT FORM. Press enter to start the reading, press enter again to lock in the reading.
2. Drop down menu.
3. Manually using standalone equipment.

Read your results off the OUTPUT FORM

OUTPUT FORM
Target SH: 19.9°F
Actual SH: 04.0°F
Boiling Point: 37.0°F
See Sec: 2.1, 2.2, 2.3

Superheat Test OUTPUT FORM

Fill in the INPUT FORM and press **Output**. The OUTPUT FORM will display the results of calculations.

"See Sec:" refers to sections in the manual with more information about the test being performed and what the results mean.

The CheckMe! OUTPUT FORM (model HG2) tells you what the problem is and what to do about it, ranked in order of likelihood. If you haven't taken all the necessary measurements, the first line will tell you what you need to do for a complete diagnosis.

HVAC Guide™ Tester

HVAC GUIDE™

GUIDED PROBE TESTER

An Expert in Your Hip Pocket

Complete the INPUT FORM by performing the required tests, press OUTPUT to see the results and recommendations. Download future upgrades including the CheckMe! function.

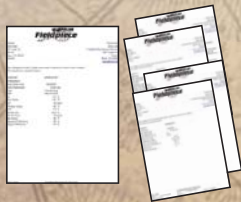
Benefits

Improved HVAC technician performance

- Fewer call backs.
- Faster testing.
- Easier analysis.
- Higher quality job.
- Wider range of tests with less backup technical support.

Features

- Easy to use INPUT/OUTPUT FORMS to collect and analyze data.
- Automatically enter data input using Fieldpiece heads.
- Manually enter data using standalone equipment.
- Sophisticated air conditioning analysis program based on data from 100,000 field tests (HG2 only).
- Download test data to a PC.
- Reload tests when returning to the same customer.
- Test data can be delivered to the customer as a work order.



Professional Reports

Generate work orders with time-stamped diagnostics and Customer IDs that can be edited in spreadsheet software. Provide superior customer service and have an edge over your competition.

ALSO INCLUDES

- ATH4 Dual-temp Head
- ATWB1 Thermocouple
- ATA1 Thermocouple
- ANC5 Case
- USB Cable
- PC Software



Specifications

Range	500mVDC, 5VDC(auto)
Accuracy	0.5% ± 2
Input Protection	Max 30VDC/24VAC
Battery	1.5V AA x 6 (installed)
Battery Life	500 hrs typical alkaline
Test Memory	up to 200 saved tests
Conversion	1V = 1count 1mV = 1count (5VDC)

Which Accessory Heads?

TEST	MEASUREMENT	HEAD				T/C				
		ATH4	ASX14	AOX2	ACM3*	ADMIN2	ATWB1	ATA1	ATC1	ATBF1
Target Evaporator Exit Temp	Return Dry Bulb	●						●		
	Return Wet Bulb	●					●			
	Supply Dry Bulb	●						●		
Superheat	OD Dry Bulb	●						●		
	ID Wet Bulb	●					●			
	SL Pressure			●						
Subcooling	SL Temp			●					●	
	LL Pressure			●						
Combustion	LL Temp			●					●	
	O2			●						
Check Me! (model HG2)	Flue Temp			●					●	
	CO				●					
	Primary Temp			●					●	
Check Me! (model HG2)	Return Dry Bulb	●						●		
	Return Wet Bulb	●					●			
	Supply Dry Bulb	●						●		
	Sup Plen Press					●				
	Ret Plen Press					●				
	SL Pressure			●						
	SL Temp			●					●	
	LL Pressure			●						
	LL Temp			●					●	
Condenser Air Enter Temp	●							●		

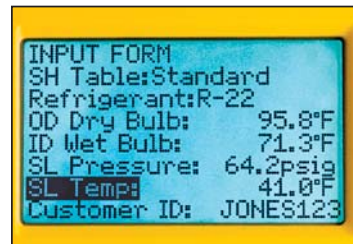


Accessory Heads Slide on Fieldpiece accessory heads to easily input data automatically.



Optional Pipe Clamp Thermocouples Minimize your time on the job by using the HVAC Guide™ tester with ATC series pipe clamps.

- * With optional aspirator pump, model AOX2 (included with the AOX2 head).
- Thermocouple is included with recommended head.
- Included with the HVAC Guide™ tester.
- Recommended accessory head.



Dot Matrix Display with Backlight Bright blue backlight allows you to easily view display in the dark.

The Original Stick Meter

The portability and expandability HVAC veterans remember. The HS26 Stick Meter is back!

NEW

HS26



Unique Features for HVAC/R:

Modular Expandability Works with all Fieldpiece accessory heads. Just attach the head to the top.

400AAC

Attach the included ACH4 Current Clamp Accessory Head to the top and turn the dial to 200mVAC (0.1 resolution) or 2000mVAC (1.0 resolution) to read amps directly on the display.

Microamps DC

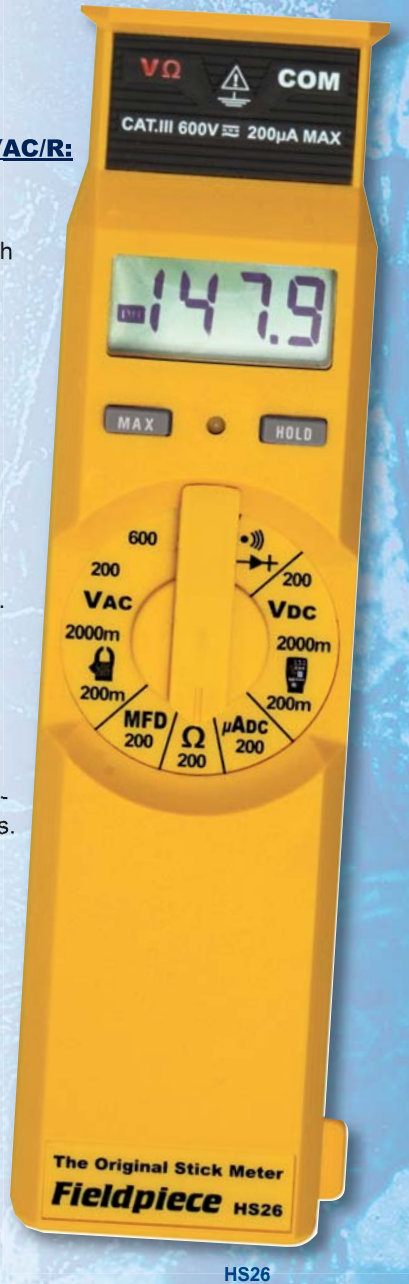
For flame rectifier diode tests.

Capacitance

For motor-run and motor-start capacitors.

And More

- Rugged ABS case with O-ring to block contaminants.
- MAX hold automatically holds the highest measurement so you can view the display after you've disconnected.
- Hi voltage beeper and LED warn of dangerous voltages >30V.
- Auto-power off to extend battery life.
- Manual-ranging for safer testing.
- Continuity beeper and LED below 100Ω



HS26

What's Included:

The HS26 meter comes packaged inside the padded ANC7 case. Includes clamp head. Just slide the clamp onto the top of the HS26 meter to read amps. Also included are deluxe silicone test leads, alligator clips, 9V battery (installed), and operator's manual.



Specifications: HVAC Features & Functions

Function	Range	Accuracy/Resolution	HS26
Ranging			Manual
Counts			2000
AC Conversion			Average
VAC	200m	1.2% + 3/0.1m	●
	2000m	1.2% + 3/1m	●
	200	1.2% + 3/0.1	●
	600	2.0% + 5/1	●
VDC	200m	0.5% + 2/0.1m	●
	2000m	0.5% + 2/1m	●
	200	0.5% + 2/0.1	●
AAC	20	2.7% + 5/0.1	●
	100	3.3% + 6/0.1	●
	400	4.7% + 8/1	●
ADC	200µ	1.0% + 2/0.1µ	●
Ohms	200Ω	1.0% + 3/0.1Ω	●
MFD	200µ	3.0% + 3/0.1µ	●
Hi-V Indicator		>30V AC/DC	●
Continuity		<100Ω	●
Diode Test			●

● Included Range ● Green LED and beeper
 ● With ACH4 clamp head ● Red LED and beeper

DL3 Data Logger

Data log any parameter measured by a Fieldpiece accessory head.

New Upgrades:

- TRIG (trigger) switch position. Set DL3 to record only the data you need.
- Enhanced data scroll.
- Bright, blue backlight.
- Export data in .xls format.

Unique Features:

- Record data points manually, automatically or trigger to log outside a range.
- Real-time clock: second, minute, hour, day, month, year.
- All data points are time stamped.
- Multiple data sets of various parameters can be stored.
- Easy downloading to PC.
- Cost-effective, multi-channel recording using multiple DL3s.
- 20,000 data points.
- Combine with the AAV3 anemometer to determine CFM easily.
- Long battery life.

NEW



DL3

Using Fieldpiece accessory heads record:

1. RH%, temp, wet bulb, dew point, temp difference, air velocity.
2. CO ppm, %O₂ in air, and %CO₂, all of which are products of combustion.
3. Gas pressure, static pressure, differential pressure.
4. Subcooling, superheat, pressure (hi-side or low-side).
5. AAC/ADC, VAC/VDC, mA and μ ADC.

ARH4 on DL3



How it Works:

Set up the data logger to record for your desired length of time, and at your desired frequency. Record. Then either read the results on the DL3 or download to a computer.

SPAN 1. Set SPAN, or how long you want to record data. Data can be recorded from 1 second to 999 days.

PER 2. Set PER, or period. PER is how often you want to record data. Data can be recorded from once a second to once every 999 hours.

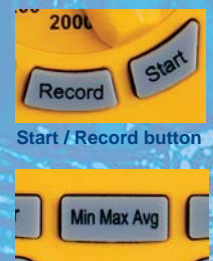
OR

+ TRIG 2. **NEW:** Set TRIG, or trigger. Use TRIG to set the DL3 to record only data points that fall outside a pre-set range you define.

MULT 3. Set MULT. This is for accessory heads that require you to move the decimal.

mVDC 200 4. Set dial to the appropriate mV range and the reading will be displayed in LCD.

To begin recording, press START. At any time, you can press RECORD to add a data point, complete with a real time stamp. A new data set is started when the rotary dial position is changed. Previous data sets are maintained until the DL3 is cleared.



Start / Record button



MIN / MAX / AVG button

To view results, select READ/SEND, press MIN/MAX/AVG to see min, max and average. Press \blacktriangle and \blacktriangledown to scroll through the data or to change data sets.



scroll buttons

What's Included:

Every Data Logger meter comes packaged with a PC Utility CD ROM, operator's manual, and USB cables that connect your DL3 Data Logger to your computer.



Fast and Easy CFM Through a Register



DL3 with ACM3



LCD showing maximum



LCD showing minimum



LCD showing average

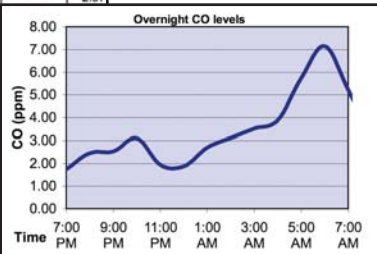
Above: Just press the MIN/MAX/AVG button to display minimum, maximum, and average. Use ▲ and ▼ buttons to scroll to other data sets.

Left: DL3 recording carbon monoxide with ACM3. Set up the meter to record data once every five minutes for 48 hours and you will be able to see if and when there is a high concentration of CO.

Date	Time	Reading	Type	MAX/MIN	AVG
5/29/08	10:00:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:15:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:30:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:45:00 AM	0.0	CMP	MIN1	0.00

Date	Time	Reading	Type	MAX/MIN	AVG
5/29/08	10:00:00 AM	76.4	IND		76.27
5/29/08	10:15:00 AM	76.9	IND		76.29
5/29/08	10:30:00 AM	77.4	IND		76.31
5/29/08	10:45:00 AM	80.3	IND	MAX1	76.32
5/29/08	11:00:00 AM	77.1	IND		76.34
5/29/08	11:15:00 AM	76.0	IND		76.35
5/29/08	11:30:00 AM	77.4	IND		76.36
5/29/08	11:45:00 AM	76.8	IND		76.37
5/29/08	12:00:00 PM	76.4	IND		76.38
5/29/08	12:15:00 PM	76.4	IND		76.39
5/29/08	12:30:00 PM	76.4	IND		76.40
5/29/08	12:45:00 PM	76.4	IND		76.41
5/29/08	1:00:00 PM	76.4	IND		76.42
5/29/08	1:15:00 PM	76.4	IND		76.43
5/29/08	1:30:00 PM	76.4	IND		76.44
5/29/08	1:45:00 PM	76.4	IND		76.45
5/29/08	2:00:00 PM	76.4	IND		76.46
5/29/08	2:15:00 PM	76.4	IND		76.47
5/29/08	2:30:00 PM	76.4	IND		76.48
5/29/08	2:45:00 PM	76.4	IND		76.49
5/29/08	3:00:00 PM	76.4	IND		76.50
5/29/08	3:15:00 PM	76.4	IND		76.51
5/29/08	3:30:00 PM	75.8	IND		76.53
5/29/08	3:45:00 PM	76.7	IND		76.54
5/29/08	4:00:00 PM	77.0	IND		76.55
5/29/08	4:15:00 PM	76.1	IND		76.54
5/29/08	4:30:00 PM	76.1	IND		76.55
5/29/08	4:45:00 PM	76.4	IND		76.55
5/29/08	5:00:00 PM	75.9	IND		76.56
5/29/08	5:15:00 PM	76.9	IND		76.56
5/29/08	5:30:00 PM	76.0	IND		76.56

Download, format, graph and print the data recorded. All formatting is done in Excel.

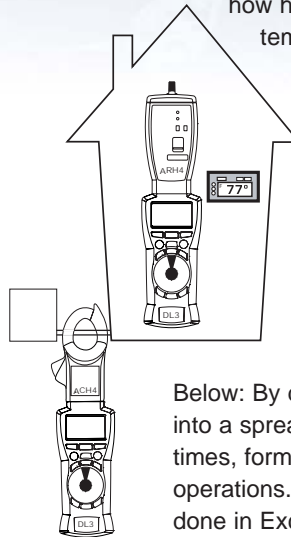


Easy CFM Measurements

Take an average of the air velocity by taking a number of readings and then averaging them by pressing the MIN/MAX/AVG button. To get CFM, just multiply by the free area.

Using Multiple Data Loggers

A common customer complaint is "The system runs all the time." With multiple DL3s, you can determine if the system is indeed running all the time as well as troubleshoot the cause of the problem. Put one DL3 with an ACH4 on the condenser to log amperage to track the time when the system is running and how hard. At the same time, log indoor temperature by using the DL3 with an ARH4 to see if the target temperature is being reached and if the system is performing as it should.



Top Left: DL3 with an ARH4 logging living room air temperature by the thermostat.

Bottom Left: DL3 with ACH4 logging amperage to compressor.

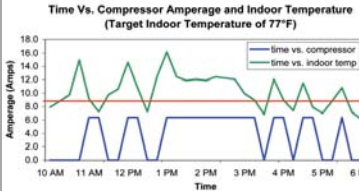
Below: By downloading the data from two DL3s into a spreadsheet you can analyze it, line up the times, format the data and perform mathematical operations. You can graph it too. All formatting is done in Excel.

Date	Time	Reading	Type	MAX/MIN	AVG
5/29/08	10:00:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:15:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:30:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:45:00 AM	0.0	CMP	MIN1	0.00

Date	Time	Reading	Type	MAX/MIN	AVG
5/29/08	10:00:00 AM	76.4	IND		76.27
5/29/08	10:15:00 AM	76.9	IND		76.29
5/29/08	10:30:00 AM	77.4	IND		76.31
5/29/08	10:45:00 AM	80.3	IND	MAX1	76.32
5/29/08	11:00:00 AM	77.1	IND		76.34
5/29/08	11:15:00 AM	76.0	IND		76.35
5/29/08	11:30:00 AM	77.4	IND		76.36
5/29/08	11:45:00 AM	76.8	IND		76.37
5/29/08	12:00:00 PM	76.4	IND		76.38
5/29/08	12:15:00 PM	76.4	IND		76.39
5/29/08	12:30:00 PM	76.4	IND		76.40
5/29/08	12:45:00 PM	76.4	IND		76.41
5/29/08	1:00:00 PM	76.4	IND		76.42
5/29/08	1:15:00 PM	76.4	IND		76.43
5/29/08	1:30:00 PM	76.4	IND		76.44
5/29/08	1:45:00 PM	76.4	IND		76.45
5/29/08	2:00:00 PM	76.4	IND		76.46
5/29/08	2:15:00 PM	76.4	IND		76.47
5/29/08	2:30:00 PM	76.4	IND		76.48
5/29/08	2:45:00 PM	76.4	IND		76.49
5/29/08	3:00:00 PM	76.4	IND		76.50
5/29/08	3:15:00 PM	76.4	IND		76.51
5/29/08	3:30:00 PM	75.8	IND		76.53
5/29/08	3:45:00 PM	76.7	IND		76.54
5/29/08	4:00:00 PM	77.0	IND		76.55
5/29/08	4:15:00 PM	76.1	IND		76.54
5/29/08	4:30:00 PM	76.1	IND		76.55
5/29/08	4:45:00 PM	76.4	IND		76.55
5/29/08	5:00:00 PM	75.9	IND		76.56
5/29/08	5:15:00 PM	76.9	IND		76.56
5/29/08	5:30:00 PM	76.0	IND		76.56

Date	Time	Reading	Type	MAX/MIN	AVG
5/29/08	10:00:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:15:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:30:00 AM	0.0	CMP	MIN1	0.00
5/29/08	10:45:00 AM	0.0	CMP	MIN1	0.00

Date	Time	Reading	Type	MAX/MIN	AVG
5/29/08	10:00:00 AM	76.4	IND		76.27
5/29/08	10:15:00 AM	76.9	IND		76.29
5/29/08	10:30:00 AM	77.4	IND		76.31
5/29/08	10:45:00 AM	80.3	IND	MAX1	76.32
5/29/08	11:00:00 AM	77.1	IND		76.34
5/29/08	11:15:00 AM	76.0	IND		76.35
5/29/08	11:30:00 AM	77.4	IND		76.36
5/29/08	11:45:00 AM	76.8	IND		76.37
5/29/08	12:00:00 PM	76.4	IND		76.38
5/29/08	12:15:00 PM	76.4	IND		76.39
5/29/08	12:30:00 PM	76.4	IND		76.40
5/29/08	12:45:00 PM	76.4	IND		76.41
5/29/08	1:00:00 PM	76.4	IND		76.42
5/29/08	1:15:00 PM	76.4	IND		76.43
5/29/08	1:30:00 PM	76.4	IND		76.44
5/29/08	1:45:00 PM	76.4	IND		76.45
5/29/08	2:00:00 PM	76.4	IND		76.46
5/29/08	2:15:00 PM	76.4	IND		76.47
5/29/08	2:30:00 PM	76.4	IND		76.48
5/29/08	2:45:00 PM	76.4	IND		76.49
5/29/08	3:00:00 PM	76.4	IND		76.50
5/29/08	3:15:00 PM	76.4	IND		76.51
5/29/08	3:30:00 PM	75.8	IND		76.53
5/29/08	3:45:00 PM	76.7	IND		76.54
5/29/08	4:00:00 PM	77.0	IND		76.55
5/29/08	4:15:00 PM	76.1	IND		76.54
5/29/08	4:30:00 PM	76.1	IND		76.55
5/29/08	4:45:00 PM	76.4	IND		76.55
5/29/08	5:00:00 PM	75.9	IND		76.56
5/29/08	5:15:00 PM	76.9	IND		76.56
5/29/08	5:30:00 PM	76.0	IND		76.56



Dual-Display Clamp Meters

It's like having two meters in your hand.

SC52 SC53

With two displays, you can measure up to 400 AC amps through the clamp while using any other function on the dial.

NEW



SC53 measuring amps and volts at the same time.

- Non-contact voltage (NCV) >24V AC/DC
- Volts, Amps, Ohms
- Capacitance (SC53)
- Temperature (SC53)
- Microamps DC (SC52)
- Diode Test (SC52)
- Wire Grabbing Claw
- Under 8" tall

What's Included:



Case

K-Type Thermocouple (SC53 only)

Vinyl Leads

SC52

Features and Functions for the Real World

Function	Range	Accuracy/Resolution	SC52	SC53
Ranging			Auto	Auto
Counts			4000	4000
VAC	4	1.2% + 5/0.001	●	●
	40	1.2% + 5/0.01	●	●
	400	1.2% + 5/0.1	●	●
	600	1.5% + 5/1.0	●	●
VDC	4	0.5% + 2/0.001	●	●
	40	0.5% + 2/0.01	●	●
	400	0.5% + 2/0.1	●	●
	600	0.5% + 2/1.0	●	●
AAC	40	2.0% + 6/0.01	●	●
	400	2.0% + 6/0.1	●	●
μADC	400	1.0% + 2/0.1	●	
	4000	1.0% + 2/1.0	●	
°F	-30~400	1°F/0.1 (32-120°F)		●
MFD (μF)	4	3.0% + 10/0.001		●
	40	3.0% + 5/0.01		●
	400	3.0% + 5/0.1		●
	4000	5.0% + 20/1.0		●
Ohms	400	1.0% + 4/0.1	●	●
	4K	1.0% + 4/0.001	●	●
	40K	1.0% + 4/0.01	●	●
	400K	1.0% + 4/0.1	●	●
	4M	1.5% + 4/0.001	●	●
	40M	3.0% + 5/0.01	●	●
NCV	>24VAC		● ●	● ●
Continuity			● ●	● ●
Diode			●	

● LED ● Beeper

The SRH2 measures the RH% and temperatures and calculates the system targets for you. The SOX2 measures O₂ and stack temperature and calculates CO₂ and excess air for a lot less than a full-featured combustion analyzer.

NEW

SOX2: Combustion Check Meter

SOX2 with backlight on

Quickly check against combustion equipment manufacturer's specs. Includes the parameters you need without the costly extras you don't.

- Measures %O₂ and stack temperature.
- Calculates %CO₂ and % Excess Air (%EA).
- Display %O₂, %CO₂, or %EA, and temperature.
- Choose from four display modes: H (hold), MAX, MIN or real time.
- Fuel Types Measured: Natural Gas, Oil #2, and Propane.
- %O₂: Range: 0 to 25% O₂, Accuracy: ±0.3%, Resolution: 0.1
- Easily calibrate temperature in the field.
- Temp: Range: -58°F to 1000°F, Accuracy: ±0.6% +3°F after field calibration. Resolution: 0.1°F



Combustion Check vs. Combustion Analysis

The SOX2 is designed to help technicians get quick combustion checks for comparison with manufacturer's specifications in the manual or on the data plate. If you do combustion analysis everyday, see the new HVAC Guide™ tester (on page 8) . It provides more comprehensive combustion analysis.



Includes SOX2, ATBF1 K-type T/C, AOX2 hand pump, ANC1 case, and RAOX9 filter replacement kit.

NEW

SRH2: Diagnostic Psychrometer

From indoor return wet bulb and dry bulb measurements, the SRH2 automatically calculates the target supply dry bulb, allowing the tech to verify proper evaporator coil airflow. From indoor return wet bulb and outdoor condenser-entering dry bulb, technicians get target superheat directly to verify charge on fixed restrictor systems. No charts, no calculations. It's that easy.

- Wet bulb, dry bulb, dew point and %RH.
- Calculate target superheat and target evaporator exit temperature.
- For temperature measurements select built-in thermistor or plug-in thermocouple.
- Max/Min/Hold function.
- Blue backlight.
- Rubber boot helps protect the meter during bangs and drops.
- Magnetic hanger for hands free operation.
- Auto-off to save battery life.
- Easily calibrate temperature in the field.
- Includes ATA1 T/C (p. 56), ATWB1 Wet Bulb T/C (p.56), standard 9V battery (installed), and manual.



SRH2 with backlight on

Infrared Refrigerant Leak Detector

SRL2

Built for the HVAC/R technician.

The SRL2 is the high-end refrigerant leak detector, made to find the smallest leaks, to last all day, and withstand most of the use and abuse a technician dishes out.



SRL2

Features:

- State-of-the-art IR sensor made to last up to 10 years.
- 8-hour lithium ion polymer battery.
- Sensitivity: ≥ 0.1 oz./yr.
- Auto-calibrates to work in contaminated areas.
- Detects all CFCs, HFCs, and HCFCs.

Infrared Sensor Advantage

Infrared sensors are far more rugged than other electronic refrigerant detection sensors. The SRL2 sensor:

- Lasts up to 10 years
- Doesn't corrode
- Doesn't trigger on oil or moisture
- Senses change. Works in contaminated areas.

Combustible Gas Leak Detector

SGL2

Heated diode sensor for quick, straight-forward gas detection.

Easy to use solution for combustible gas leak detection. Rechargeable lithium ion polymer battery doesn't have a "memory" and lasts for more than 9-hours on a single charge. Extra features for HVAC/R.



SGL2

Features:

- Easy, one-handed operation.
- 9-hour lithium ion polymer battery.
- Fast warm-up.
- Adjustable sensitivity down to 5 ppm (calibrated to Methane).
- Buzzer / light indicators.
- Bright LED work light on probe tip.

New Protective Case



SRL2K7

Both detectors come in our new blow mold case and include wall & vehicle chargers and manuals.

SRL2K7 (above) includes the RFE2 9" flex and RRE2 9" rigid extension probes, 10 replacement filters, and 5 O-rings.

Soft-Sided Cases

ANC3



ANC1

ANC2

ANC4



ANC5

ANC6

ANC7

ANC8



Case Specifications

MODEL	WHAT IT CAN HOLD	SIZE H" x W" x D"	POCKETS
ANC1	1 meter + 2 heads	10" x 6.5" x 1.5"	4
ANC2	1 accessory head	8" x 3.5" x 1"	1
ANC3	3 meters + 10 heads	13.5" x 12.5" x 3"	14
ANC4	1 SC40 series meter	8.5" x 3" x 2"	1
ANC5	1 meter + 1 head	11" x 7.5" x 0.5"	2
ANC6	1 standalone meter	9" x 3" x 2.5"	1
ANC7	1 clamp meter	11" x 3" x 2.5"	1
ANC8	2 meters + 4 heads	14" x 7" x 3"	4

Fieldstuff

Fleece Lined Jacket



A great all-around jacket for cold days.

Hoodie



Comfortable warm pull-over hooded sweatshirt.

Windbreaker



Lightweight, lined nylon jacket. Embroidered logo.

T-shirt



Premium grade thick cotton with a front pocket.

Golf Shirt



100% combed cotton, two button golf shirt with embroidered color logo.

Long Sleeve T-shirt



10-inch cannon logo on back

Fieldpiece
Professional grade equipment for ROCCO Field Services

100% cotton, silk screen logo, cannon back design.

Black Coffee Mug



24K gold logo x2.

Baseball Cap / Beanie



Embroidered logo. Solid cotton-look material all the way around.

Meters and Fieldpacks

Page #

DL3	Data logger with PC software, USB cable	18
DL3K14	Data logger fieldpack	35
DL3K14G	DL3K14 plus ACM3 carbon monoxide and AMN2 manometer heads	34
EHD1	Electronic Handle. Converts accessory heads into stand alone meters	43
HS26	The Original "Stick" Meter	12
HS33	"Stick" meter with NCV, temp, clamp, case	15
HS35	"Stick" meter: autoranger with more ranges	15
HS36	HS35 with true RMS and backlight	14
HS33K14	Serviceman's fieldpack	35
HS33K14G	HS33K14 plus ACM3 carbon monoxide and AMN2 manometer head	35
HS36K19	Technician's fieldpack	35
HS36K19G	HS36K19 plus ACM3 carbon monoxide and AMN2 manometer head	35
HS36K35	Service pro's fieldpack	35
HS36K35G	HS36K35 plus ACM3 carbon monoxide and AMN2 manometer head	34
HG1	HVAC GUIDE™ Guided Probe Tester	8
LT16A	DMM with MFD, phase rotation, clamp	31
LT17A	DMM with temp, µA, MFD clamp	30
LT83A	Meter/Holster, backlight, 20MQ, 600VAC/DC, 10AAC/DC, leads, carrying case	28
SC44	Clamp meter, NCV, autorange, 400 AAC, leads, carrying case	31
SC45	Clamp meter with NCV, MFD, temp.	27
SC46	SC45 with true RMS and backlight	26
SC52	Dual-Display with µADC	29
SC53	Dual-Display with Temp, MFD	28
SC66	Clamp meter with non-contact voltage, °F, MFD	23
SC67	Clamp meter with non-contact voltage, MFD, and 1000°F	23
SC76	Clamp meter: autoranger with more ranges. Works with heads.	23
SC77	SC76 with true RMS and backlight	22
SMG5	Megohm meter, leads, case	47
SPDM1	Pocket DMM with NCV	31

Standalone Instruments and Pocket Tools

MDSH1	Magnetic parts dish	58
PAL1	Extendable match holder	58
PBS2	Small parts grabber with magnet	58
PLF2	Pocket LED flashlight	58
PLM2	LED flashlight with extendable mirror and light	58
PMG1	Extendable magnet	58
PMR1	Adjustable mirror	58
SDMN5	Manometer, differential dual port, ±60"WC	52
SGL2	Combustible Gas Leak Detector	51
SIG1	Gun IR thermometer with laser 10:1 viewing angle	54
SIL2	Shirt pocket IR with LED flashlight	54
SIR2	Pocket IR thermometer with laser 6:1 view angle	55
SIP2	Shirt pocket IR	55
SNCV1	Non-contact voltage sensor (NCV)	52
SPK1	Pocket knife style thermometer, -58°F to 392°F	53
SOX2	Combustion Check Meter	49
SRH2	Diagnostic Psychrometer	48
SRL2	Advanced Infrared Refrigerant Leak Detector	50
SRL2K7	Advanced Infrared Refrigerant Leak Detector Kit	51
SRPM2	Digital tachometer, 2.5-99,999 RPM	47
SSX34	Superheat and subcooling for A/C and refrigeration	43
ST4	Dual temp meter with thermocouples, -58°F to 2000°F	53
SWT2	Water resistant thermometer with probe	53
SVG2	Vacuum gauge with target alarm, 50-2000 microns	46

Cases

ANC1	Four pocket	60
ANC2	Padded, fits SRPM1, SIG1	60
ANC3	Briefcase style	60
ANC4	Padded, SC40 series	60
ANC5	Padded pouch style case with handle	60
ANC6	Clear front, magnet ST4/DL3	60
ANC7	Padded, for SC series	60
ANC8	Mid-sized, holds 4 heads + 2 meters	60

- Coming 2nd Quarter 2008
- Coming 3rd Quarter 2008
- New Product

Accessory Heads and Adapters

Page #

AAV3	Head: anemometer (air velocity)	39
ACDC6	DC & AC current clamp (600A)	57
ACH4	Head: AC amps clamp (400A)	37
ACM3	Head: carbon monoxide	40
ADMN2	Head: dual port manometer	41
AHDL1	Adapter: accessory head adapter handle	45
ALS1	Line splitter for AAC measurements	25
AMD1	Head: microwave oven diode tester	44
AMN2	Head: manometer, gas pressure, & static pressure	40
AOX2	Head: %O ₂ , calculated %CO ₂ and temp	41
AOXP2	Flue gas pump and water trap (included with AOX2/SOX2)	40
ARH4	Head: relative humidity, temperature, wet bulb, and dew point	39
ASH3	Superheat for air conditioners	42
ASX14	Head: superheat and subcooling for air conditioning	43
ASX24	Head: superheat and subcooling for refrigeration	43
ATH4	Head: dual temperature with two ATB1s	38
ATIR3	Head: infrared temperature head with laser	38
AUA2	Head: milli/microamp with AOK3	41
AVG2	Head: digital vacuum gauge	37
AVH1	Head: voltage	44

Leads and Thermocouples

ADA2	Shorting cables (pair): alligator clips on a 3.5' wire	57
ADK7	Kit: deluxe silicon leads (ADLS2 and ASA2)	57
ADLS2	Deluxe silicon leads (removable probe tip)	57
AEK11	Kit: alligators, probes, silicon cables	57
AQK3	Flame diode adapter kit: quick connects & mini plug	57
ASLS2	Silicon leads (fixed probe tips): SC66, SC67, SC68	57
ATA1	K-thermocouple, bead type with alligator	56
ATAF1	K-thermocouple, bead type with alligator, high temp	56
ATWB1	K-thermocouple, wet-bulb sock with alligator	56
ATB1	K-thermocouple, bead type (400°F insulation)	56
ATBF1	Bead tip 900°F (included with AOX2/SOX2)	49
ATC1	K-thermocouple, pipe clamp (1 3/8")	56
ATC2	K-thermocouple, pipe damp (2 1/4")	56
ATC3	K-thermocouple, premium pipe clamp	56
ATEXT10	K-thermocouple extension cable 10' long	56
ATF1	K-thermocouple for fluids (1500°F tip)	56
ATR1	K-thermocouple piercing 4.5" with handle	56
ATS1	K-thermocouple for grilles disk tip (1500°F)	56

Fieldstuff

FPKNITCAP	Beanie-style winter cap with Fieldpiece logo	61
FPCAP	Baseball style cap with Fieldpiece logo	61
FPMUG	Coffee mug with Fieldpiece logo	61
FPTSHIRT	T-shirt with Fieldpiece logo	61
FPLSTSHIRT	Thick cotton long-sleeve tee with Fieldpiece logo on front and back	61
FPJACKET	Tri-mountain fleece lined jacket	61
FPWINDBREAKER	Lightweight jacket with Fieldpiece logo	61
FPGOLFshirt	Collared shirt with Fieldpiece logo on front	61

Miscellaneous Parts & Replacements

RCA2	Car charger for SRL2 (included)	51
RFE2	9" Flex extension for SRL2 (optional for SRL2, included w/SRL2K7)	51
RRE2	9" Needle tip for SRL2 ((optional for SRL2, included w/SRL2K7))	51
RWA2	Wall charger for SRL2 (included)	51
RF16(4)	Fuses: (4) 0.1A/250V (5X20mm)-LT16,LT17	58
RFM66(4)	Fuses: (4) 0.25A/700V (6X32mm)-SC66, SC76, SC77, HS35, HS36, LT16A, LT17A	58
RFM70(4)	Fuses: (4) 2A/600V (6.35x25.4mm)	58
RFM74(4)	Fuses: (4) 0.5A/700V (6.35X32mm)-HB74, LT17, LT83A	58
RFL712(1)	Fuse: 12A/600V (10X38mm)-HB74	58
RFL83(4)	Fuses: (4) 10A/600V (6.35X25.4mm)-LT83, LT83A	58
RFL83A(4)	Fuses: (4) 10A/500V (6.35X32mm) LT83A (new)	58
RFS74(4)	Fuses: (4) 0.5A/250V (5X20mm)-HB74, LT83,	58
RL736(3)	Batteries: (3) PLM2 inspection mirror	58
RLR44(2)	Batteries: (2) SPK1, SNCV1, SWT2, SIL2	58
RCR2032(1)	Battery: (1) SIR2	58



Distributed by:

Fieldpiece Instruments, Inc.
www.fieldpiece.com

