

Wireless HVAC Guide System Analyzer

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Professional-grade instruments for HVAC/R field service

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» Standalone Instruments

» Stick Meters

» Superheat & Subcooling

» Tachometers

» Thermocouples

Wireless HVAC Guide System Analyzer - HG3



User's Manual

Software Installation Manual

Product Advertisement

Product Flyer

Package Art

Features and Benefits

Competitive Advantages

What's Included?

Recommended



What is It?

The Wireless HVAC Guide® System Analyzer will reduce call-backs by giving you a wide variety of tests to diagnose HVACR systems and lower your customer's energy bills. It walks you step-by-step through each test procedure to make your job easier, faster and better.

When coupled with the new ET2W Wireless Transmitter (included with every HG3), the HG3 system turns every Fieldpiece Accessory Head into a wireless device, capable of sending measurements from up to 100 feet away. So you can take up to 13 measurements (12 wirelessly and one directly on the HG3) all at once to give you an live snapshot of the entire system.



How Does it Work?

Step 1: Select a Test on the Dial

Select the test on the dial that you want to perform.



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Step 1: Select a Test on the Dial

Select the test on the dial that you want to perform.

Step 2: Enter Data on the INPUT FORM (Wirelessly or Directly)

The INPUT FORM is displayed when a test is selected. Each input line is a step in the test. Fill out each line using Fieldpiece products, drop down menus or manual entry.

Superheat INPUT FORM

Step 3: View Results on the OUTPUT FORM

The OUTPUT FORM displays the results of the calculations and references this HVAC Guide Instruction Manual for each test. Recommended actions are displayed to fix problems or confirm system is running properly.

Superheat OUTPUT FORM

Step 4: Save, Download and Print Test

Tests can be saved onto the HVAC Guide. It then can be connected to a computer to download the tests and print. All data and information from the INPUT FORM and the OUTPUT FORM can be printed.

Print Out of HG3 Test Report

WIRELESS Testing

Attach any Fieldpiece Accessory Head to the ET2W to view or log measurements on the HG3 in real-time. The HG3 has the capability to wirelessly and simultaneously read up to 12 wireless signals. A 13th accessory head can be attached directly to the HG3 to give you the ability to record 13 parameters at one time.

Using the ET2W Wireless Transmitter -- Slide the Fieldpiece Accessory Head onto the ET2W. Measurements are taken by the Accessory Head and sent wirelessly to the HG3 from up to 100 feet away. If greater distances are needed, the ET2W can be put in repeater mode with additional ET2Ws.

Press "SYNC" on the HG3 and ET2W for Wireless Communication

Test procedures are included for Superheat, Subcooling, Combustion Analysis, Target Evap Exit Temperature (temperature drop across the evaporator coil), CFM (air balancing), CheckMe!® Evaluation and Service light set up are built into the HVAC Guide to streamline each test.

The HVAC Guide® System Analyzer also has a data logging switch position to record up to 13 measurements at one time. With the Display switch position view one parameter by connecting any Fieldpiece Accessory Heads directly or wirelessly. Do it right the first time, do it faster, easier, more completely, and avoid call-backs in the process.

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 Features and Benefits

You can also easily and accurately perform CFM tests because the HG3 does your calculations for you, automatically. The HG3 will calculate the average, max, and min air velocity for up to 13 grilles, then calculate the Total Return and Total Supply for the entire system.

-
- Competitive Advantages

- Comprehensive, Real-time Full System Analysis
- Up to 13 Measurements at Once (12 Wireless and 1 Direct)
- Provides Recommended Fixes
- Real-time Target Superheat While Your Charging
- Monitors System During Adjustments
- Wireless Transmission up to 100 Feet Away
- Instant Snapshot of Entire System

What's Included

- Wireless HVAC Guide - HG3
- Wireless Handle - ET2W
- Dual Temp Accessory Head - ATH4
- Dry Bulb Thermocouple - ATA1
- Wet Bulb Thermocouple - ATWB1
- CD to Download Software
- Computer Cable to Transfer Data

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About this capture

• Wireless HVAC Guide - HG3

• Wireless Handle - ET2W

• Dual Temp Accessory Head - ATH4

• Dry Bulb Thermocouple - ATA1

• Wet Bulb Thermocouple - ATWB1

• CD to Download Software

• Computer Cable to Transfer Data

• Nylon Carrying Case - ANC8

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Recommended Accessories and Replacement Parts

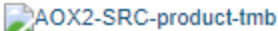
Technicians who like the AVH1 may also enjoy these instruments and accessories:



Carbon Monoxide Detector Accessory - ACM3

The ACM3 is a carbon monoxide detector (CO detector) accessory head for use with our modular instruments that measures CO in parts per million (ppm). Its electrochemical sensor is fast enough for walk-around tests. Features and benefits include: Advanced, three-pin sensor that measures 0 to 1000 ppm CO; Calibrate / Zero ACM3 to ambient quickly with the zero calibration pot under the grey rubber strip; Auto Power-Off (APO); Use optional pump (AOXP2) for remote / flue gas testing.

Read More..



Combustion Check Accessory - AOX2

The AOX2 is combustion check accessory head that measures % O2 (percent oxygen) and flue gas temperature. It calculates % CO2 (percent carbon dioxide) for two fuel types: gas and oil. Technicians use the AOX2 to sample flue gas on serviced or newly installed equipment. It eliminates the costly, extra tests found on full-function combustions analyzers that technicians often don't use or need. Match your results to specifications on the data plate or in the manufacturer's manual to quickly tune furnaces, boilers and more.

Read More..



Superheat and Subcooling Accessory for Air Conditioning - ASX14

The Fieldpiece Superheat and Subcooling Accessory for Air Conditioning, model ASX14, measures suction line, or low side, line temperature and pressure. It then calculates actual superheat in real time using built in P/T charts. It also measures liquid line, or high side, line temperature and pressure, and calculates actual subcooling. Use it to get actual superheat on R-22 and R-410A fixed orifice systems and actual subcooling on TXV / TEV regulated systems. Use the "T" fitting to charge to actual superheat or subcooling by putting the ASX14 in-line between

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[Read More..](#)

400A Amp Clamp Accessory - ACH4

The ACH4 current clamp is a small size accessory head for quickly reading up to 400 AC amps. The new claw feature at the top of the clamp allows for quickly picking out the wire you need to measure and isolating it in the clamp. Once the current carrying conductor is isolated, the amperage is converted to mVAC for reading directly on the meter. The ACH4 works with the Fieldpiece "Stick" meter, EHDL1 Electronic Handle, DL3 Data Logger, the HVAC Guide® System Analyzer or any other digital multimeter (with mVAC range) connected by Fieldpiece ADLS2 detachable silicone leads or AHDL1 handle adapter.

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Large Briefcase-Style Instrument Bag - ANC3

The ANC3 Large Briefcase-Style Instrument Bag is our top of the line instrument case. Combined with our modularly expandable instruments and accessories, the ANC3 can haul a service truck full of tools to your job, over your shoulder. It has 14 pockets in all. It holds most any combination of your Fieldpiece gear: 3 meters and 10 accessory head instruments with room for plenty more, or, put in 6 standalones and their accessories, 2 meters and more. The combinations are almost endless. One thing's for sure, you can fit the test instruments you need to do the whole job easier, better and faster with the ANC3 over your shoulder. Features include rugged nylon construction, padding, durable pockets inside and out, a rugged zippers and a shoulder strap. Comes standard with our big Fieldpacks and doubles as a great laptop briefcase.



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