HVAC GUIDE®
SYSTEM ANALYZER

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 at www.fieldpiece.com

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.
- Automatically enter data using Fieldpiece heads.
- Manually enter data using standalone equipment.
- Sophisticated air conditioning analysis program based on data from over 500,000 field tests (HG2 only).
- Download test data to a PC and print work orders.
- Reload tests when returning to the same customer.
- Generate professional, spreadsheet work orders with time-stamped data and Customer IDs.

INCLUDES

ATH4 Dual-temp Head
ATWB1 Wet Bulb T/C
ATA1 Dry Bulb T/C
ANC5 Case
USB Cable
PC Software

GO BIG! Fieldpiece Mega Pack (model HS36K40):
AAV3, ADMN2, RMA316, ASX14, ACM3, ATIR3, ARH4, ATH4, SMG5, ADA2, ADK7, ADLS2, AQK3, AVG2, ATC1, ACH4, HS36, EHDL1, HG2, PLM2, PMG2, AOXP2, ATBF1, ATA1, ATWB1, ANC3 case (see chart p.35)

Fieldpack Selection Guide

MODEL	DESCRIPTION	DL3K14	HS33K14	HS36K19	HS36K35	HS36K40
Meters						
EHDL1	Electronic handle	•		•	•	•
DL3 *	Data logger	•			•	
HG2	HVAC Guide® System Analyzer					•
HS33	Manual ranging stick		•			
HS36	Auto ranging stick/true rms, b/l			•	•	•
SMG5	Megger (includes leads/case)				•	•
Leads/Accessories						
ADA2	Dual alligator clips		•	•	•	•
ASA2	Small alligators (pr)	•	•	•	•	•
AHDL1	Adapter handle	•				
AQK3	Flame diode kit AQC2+AQP1	•	•	•	•	•
ADLS2	Silicone Deluxe	•	•	•	•	•
Velcro Strip	Attaches ATB1 to pipe	•	•	•	•	•
Cases						
ANC3	Briefcase	•		•	•	•
ANC8	Mid-sized case		•			
Thermocouples						
ATA1	Alligator clip	•		•	•	•
ATWB1	Wet bulb	•		•	•	•
ATC1	Small pipe clamp		•	•	•	
ATB1	Bead tip	•	•	•	•	•
Heads						
AAV3	Air velocity, temp	•			•	•
ACH4	Amp clamp	•	•	•	•	•
ACM3	Carbon monoxide	G	G	G	G	•
ADMN2	Dual-port manometer					•
AMN2	Manometer	G	G	G	G	
AOX2 *	%CO, %O2, temp					•
ARH4	%RH, WB, dew pt., air temp	•	•	•	•	•
ASX14	Superheat/subcooling for A/C	•			•	•
ATH4	Dual temp	•				•
ATIR3	Infrared temperature				•	•
AUA2	Micro/milliamps w/ AQK3	•	•			
AVG2	Vacuum gauge	•		•	•	•
AVH1	Volts	•			•	
Pocket Tools						
PLM2	Mirror with LED light				•	•
PMG2	Lighted Magnet Tool				•	•

G - Add "G" suffix to model number to include ACM3 and AMN2

∗ - Includes all accessories that normally come with meter minus carry case

For air temperatures, use the ARH4 or the AAV3. When it's not practical to touch the test point (e.g., a ceiling vent), use the ATIR3 infrared head. Infrared is not recommended for pipe temperatures. For comparing temperatures (two temperatures at once), use the ATH4 with any K-Type thermocouple with the small industry standard plugs.

ATH4: Dual Temperature

Two K-Type thermocouple inputs. Display T1, T2, or T1-T2.

■ ±1ºF accuracy after simple field calibration.

■ Range: -50ºF to 1500ºF (optional hi-temp thermocouple required).

■ Displays ºF directly at 0.1ºF resolution on DMM with 0.1mVDC resolution.

■ Select ºF or ºC.

■ Includes two "wrap tab" thermocouples plus Velcro straps. Thermocouples insulated to 400ºF.

■ Auto-off can be disabled for data logging (DL3).

ATH4

ATIR3: Infrared Surface Temperature with Laser

Use for quick surface temperature measurements.

■ Measures temperature without contact.

■ 8:1 field of view.

■ Laser sight included.

■ Select ºF or ºC.

■ Operating ambient temp: 32ºF to 122ºF at <75%RH.

■ Range: 0ºF to 752ºF.

■ Accuracy: Whichever is greater. At 73ºF ± 10ºF at <90%RH; ±2.0%rdg or 4ºF, 32ºF to 160ºF; ±3.0%rdg or 5.5ºF, 0ºF to 31ºF, 161ºF to 752ºF.

ATIR3