

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, EHD1, 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

ACH4: AC Current Clamp

ACH4 on AHDL1 connected to LT17A



ACH4

Measures to 400AAC. New claw shape allows for easy one handed wire isolation.

- Current range: 1A to 400A.
- Accuracy:
 - 1A-20A AC: $\pm (1.5\% \text{ rdg} + 0.2A)$
 - 20A-100A AC: $\pm (2.5\% \text{ rdg} + 0.3A)$
 - 100A-400A AC: $\pm (3.5\% \text{ rdg} + 0.5A)$
- Maximum conductor size: 0.91 inches (23mm).



Remote the ACH4 with most DMMs.

AVG2: Vacuum Gauge

Displays pressure in microns in steps of 1 micron. Has pump down indication showing progress from atmospheric pressure.

- Range: 50 to 2000 microns of mercury.
- Resolution: 1 micron of mercury.
- Accuracy (@~75°F): $\pm 10\%$, 0-1000 microns of mercury.
- Fitting: 1/4" flared brass fitting (male).
- Auto-off can be disabled for data logging.
- Straight-in access to sensor for easy cleaning.
- New "T" for inline vacuum testing.
- LEDs indicate INcreasing, DEcreasing, and STABLE vacuum.



AVG2