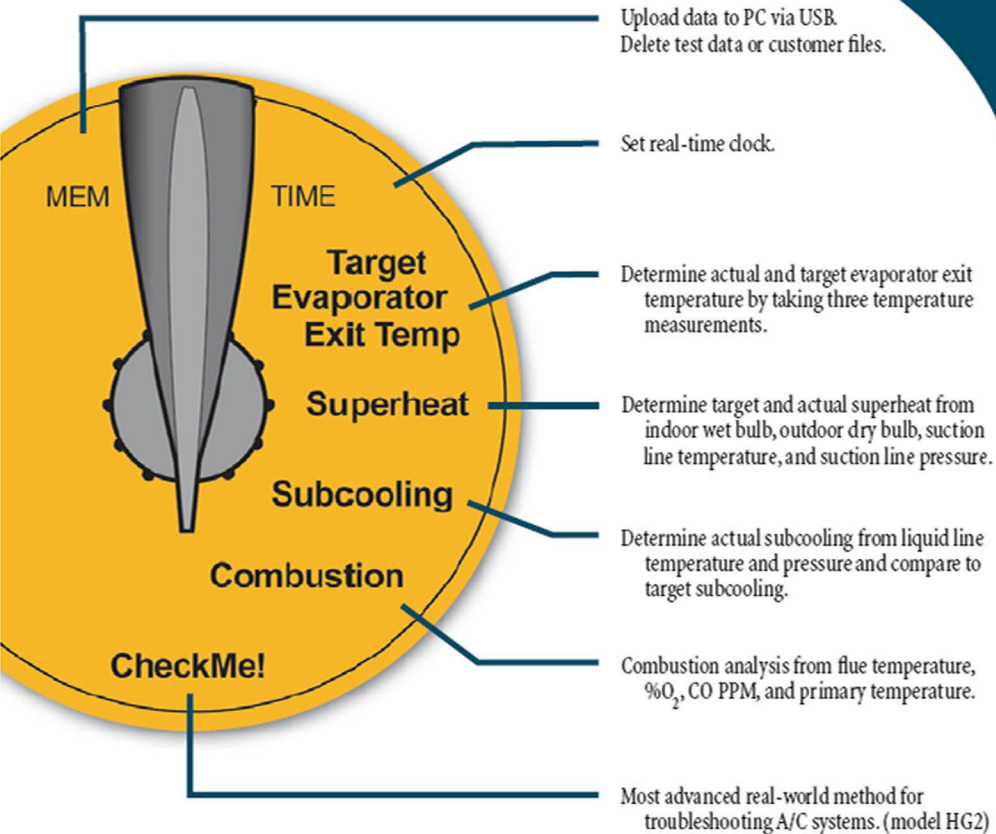


# Select Test



**HVAC GUIDE**<sup>TM</sup>  
GUIDED PROBE TESTER



**Quick Start**  
Models: HG1 & HG2

**HVAC GUIDE**<sup>TM</sup>  
GUIDED PROBE TESTER

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# Choose Head

# Input Form

# Output Form

# Attach Head

Refer to the chart below to find the recommended accessory head and thermocouple for each measurement. Automatically input measurements directly with Fieldpiece accessories for maximum accuracy, or manually input from another source.

TEST	MEASUREMENT	HEAD						T/C		
		ATH4	ASX14	AOX2	ACM3*	ADMN2	ATW81	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		•							
	SL Temp								•	
Subcooling	LL Pressure		•							
	LL Temp								•	
Combustion	O2			•						•
	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	•							•	

- \* 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.

```

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 INPUT FORM

The INPUT FORM lists parameters in the order of expected entry.

### Three ways to enter data.

- Automatic:** Attach appropriate head, select appropriate line with the UP/DOWN arrows, press ENTER to start measuring, and press ENTER again to lock in the value.
- Drop down menu:** Change a parameter that has a default by pressing RIGHT arrow or ENTER, use UP/DOWN arrows to scroll through the drop-down list, and press ENTER again.
- Manual:** Enter system data (or to enter test data not taken with an accessory head) by pressing the RIGHT arrow and then, character-by-character, use the UP/DOWN arrows and the RIGHT arrow to 'type in' the value. When finished press ENTER. Target Evaporator Exit Temperature test has no system data to enter.

```

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 OUTPUT FORM

To display the OUTPUT FORM, fill in the INPUT FORM correctly and press the OUTPUT button. If the INPUT FORM is missing inputs, the appropriate lines on the OUTPUT FORM will be blank. If the data entered on the INPUT FORM is out of range or physically impossible an error message is displayed. The OUTPUT FORM will display the results of the calculations.

At the bottom of the OUTPUT FORM is the "See Sec: X.X" which tells you where in the manual you can find more information about how to perform the test and what the results mean.

Once you have made changes to the A/C system under test and it has stabilized, retest to ensure that you have optimized the system.

The Check Me! test (model HG2) has a more detailed OUTPUT FORM. If everything on the INPUT FORM is filled out properly, the CheckMe! OUTPUT FORM actually 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.



AOX2

ASX14

ADMN2

ACM3

ATH4 on  
HVAC Guide™  
Tester

Slide the appropriate accessory heads onto the top of the HVAC Guide™ tester.



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