





Benefits

- Minimize call-backs
- Easier analysis
- Higher quálity job
- More efficient technicians
- Lower your customers' energy bills

 Less reliance on outside
- tech support

Do it Right!

Superheat

Subcooling

Target Evaporator Exit Temperature

Combustion Analysis

All-in-one!

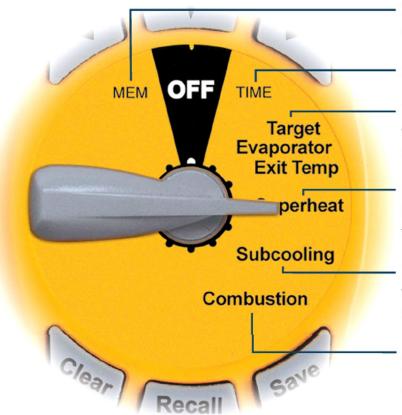
load tests to a PC

- Create printable work orders.
- Track your customers easily.
- Keep a record of every test you perform.





The Dial



Upload test data to PC via USB. Delete test data or customer file from **memory**.

Set real-time clock.

Determine actual and **target evaporator exit temperature** by taking three temperature measurements.

Determine target and actual **superheat** from indoor wet bulb, outdoor dry bulb, suction line temperature, and suction line pressure.

Determine actual **subcooling** from liquid line temperature and pressure and compare to target subcooling.

Analyze the **combustion** process from flue temperature, %O₂, CO ppm, and primary temperature.

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

1. Enter data on the INPUT FORM.



2. Press the Output button.

OUTPUT FORM
Target SH: 19.9°F
Actual SH: 04.0°F
Vapor Sat: 37.0°F
Actual superheat is
below the Target
Superheat which
indicates an

3. Read the results from the OUTPUT FORM.

Features

- Easy to use INPUT/OUTPUT forms to collect and analyze data.
- Use Fieldpiece accessory heads to automatically enter data.
- Manually enter data using non-Fieldpiece test equipment.
- Download test data to a PC.
- Reload test data when returning to the same customer.
- Easily print work orders for better customer service.

What's Included



ATH4 Dual Temp Head Wet Bulb Thermocouple Dry Bulb Thermocouple Padded Case USB Cable PC Software



