



COMBUSTION GAS ANALYZER QUICK START GUIDE

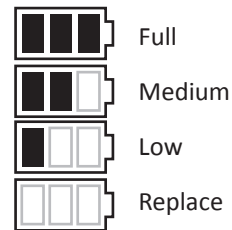
P/N: 0024-9513
Revision 0
February 23, 2016



This quick start guide provides basic information. For safety warnings, additional instructions, and more detailed information, refer to the Configuration and Operation manual (part number 0024-9486) available at www.MyBacharach.com.

PREPARE

- ▶ Review functions and locations of key components (1 through 20)
- ▶ Connect the probe (14 to 11, and 15 to 13)
- ▶ Turn on the instrument (9)
- ▶ Verify power (1)



- ▶ Wait for warm-up to complete



- 1 Display with backlight
- 2 Function keys
- 3-6 Navigation keys
- 7 Enter key
- 8 Escape key
- 9 Power/backlight key
- 10 Run/hold key
- 11 T-Stack port
- 12 USB port
- 13 Sample gas port
- 14 Sample gas thermocouple (T-Stack) connector
- 15 Sample gas hose
- 16 USB cable (Optional)
- 17 Location of optional NOx filter
- 18 Water trap and filter assembly
- 19 Probe handle
- 20 Probe tube

CONFIGURE

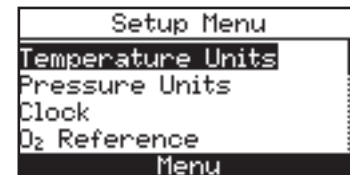
- ▶ Access and navigate the menus



- ▶ Select fuel type

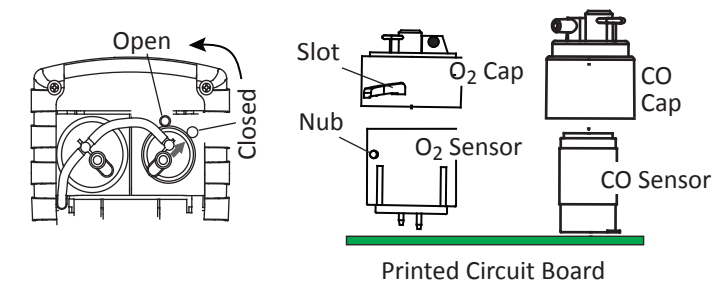


- ▶ Use default configuration values or navigate to Setup Menu to set combustion test parameters

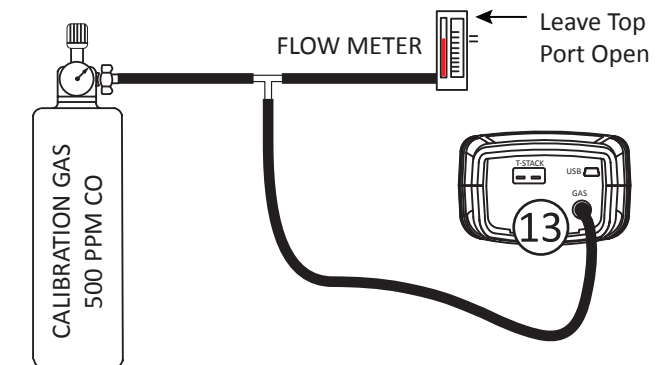


MAINTAIN

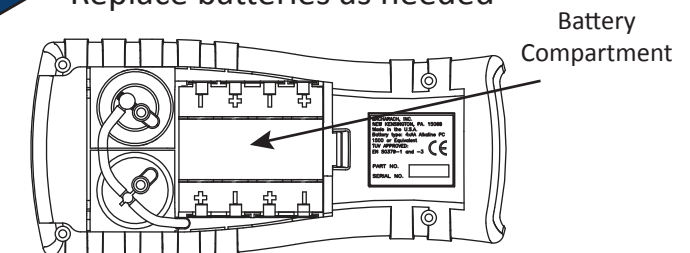
- ▶ Replace sensors as needed



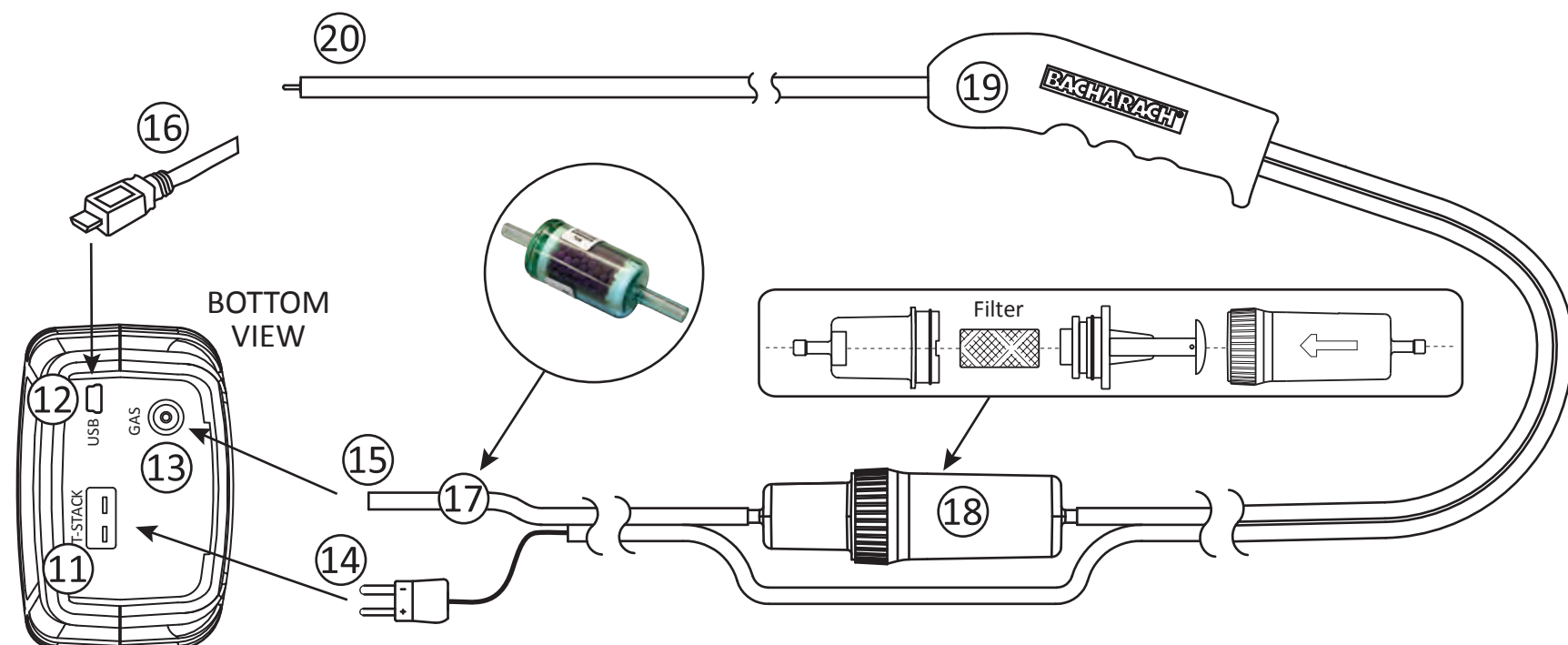
- ▶ Calibrate as needed



- ▶ Replace batteries as needed



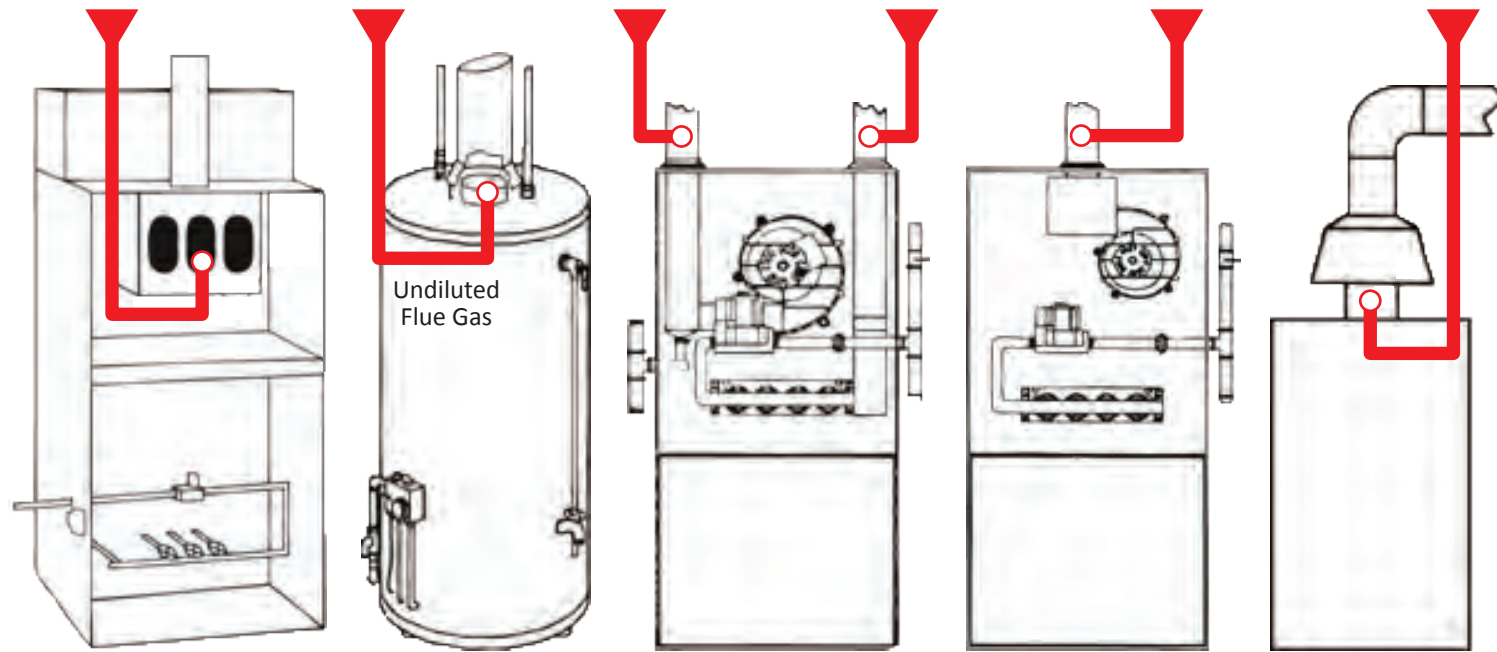
- ▶ Replace water trap (18) filter as needed



TEST

- Insert probe at the appropriate sampling point based on equipment type (be sure to avoid dilution of the gas sample)

O₂, CO, Stack Temp O₂, CO, Stack Temp O₂, CO, Stack Temp Combustion Air O₂, CO, Stack Temp O₂, CO, Stack Temp



Forced Air Furnace

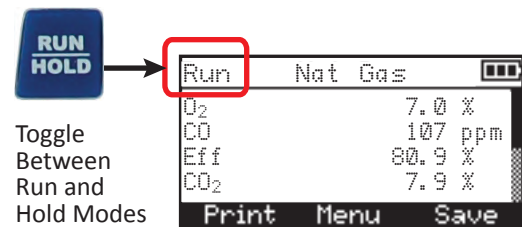
Hot Water Tank

Condensing Furnace or Boiler

Fan Assist or Power Vented Furnace or Boiler

Boiler

- Start (RUN) and Stop (HOLD) Test



Toggle Between Run and Hold Modes

Up and Down Arrows Scroll Display

Scroll Bar Indicates More Items

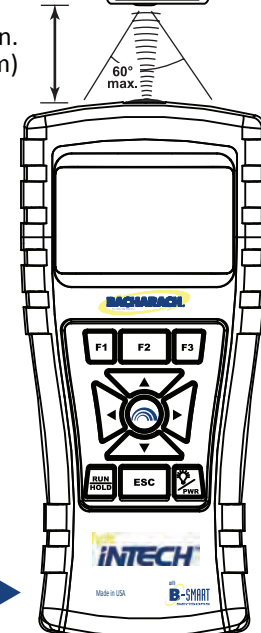
Right Arrow Displays QR Code for Reporting App



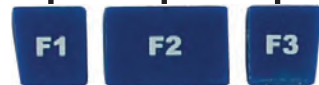
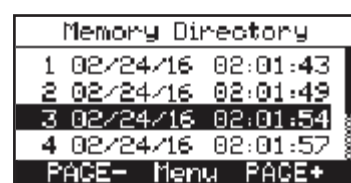
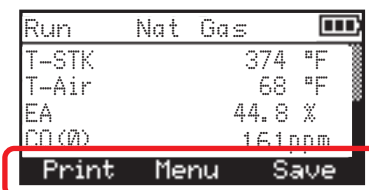
(North American Version Only)

IrDA Printer

8 to 16 in.
(20 to 41 cm)



- Print data (F1 button) and/or Save data (F3 button) to memory if desired



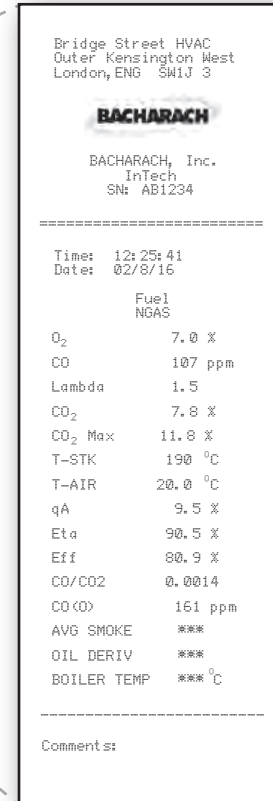
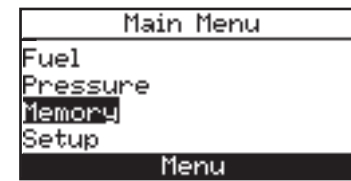
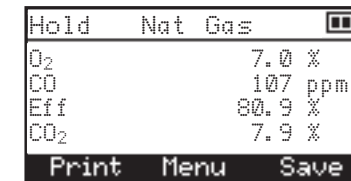
Print Screen Display Main Menu

Save Results to Memory

ADJUST

- Review all combustion data from various sources:

- Hold Screen
- Data previously saved to memory (optional)
- Printout (optional)



(Sample Printout from Siegert Version)

- Adjust combustion equipment as needed based on combustion data and manufacturer recommendations for the combustion device under test
- Retest combustion device to verify proper/optimal operation

RE-TEST

FINISH

- Allow instrument to purge after a test
- Turn off instrument (hold PWR key)
- Disconnect probe
- Clean then store the instrument and probe.



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