



## COMBUSTION GAS ANALYZER QUICK START GUIDE

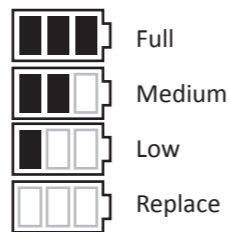
P/N: 0024-9513  
Revision 0  
February 23, 2016



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](http://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

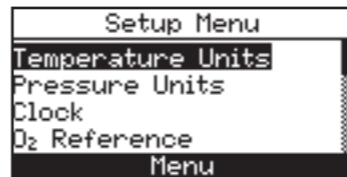
- ▶ Access and navigate the menus



- ▶ Select fuel type

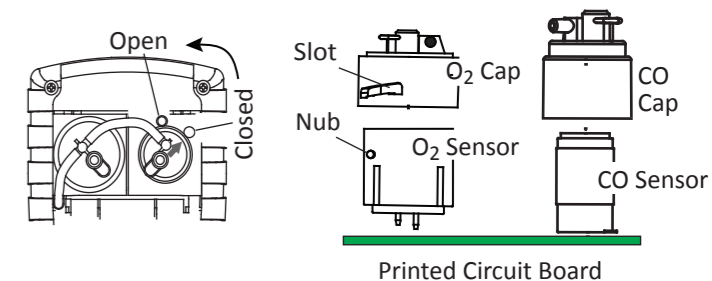


- ▶ Use default configuration values or navigate to Setup Menu to set combustion test parameters

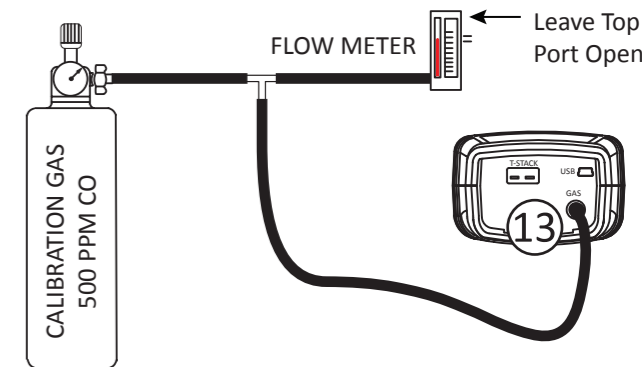


### MAINTAIN

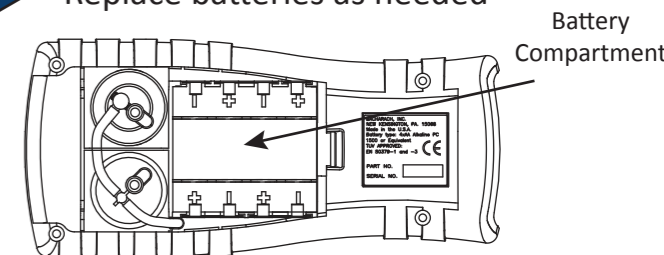
- ▶ Replace sensors as needed



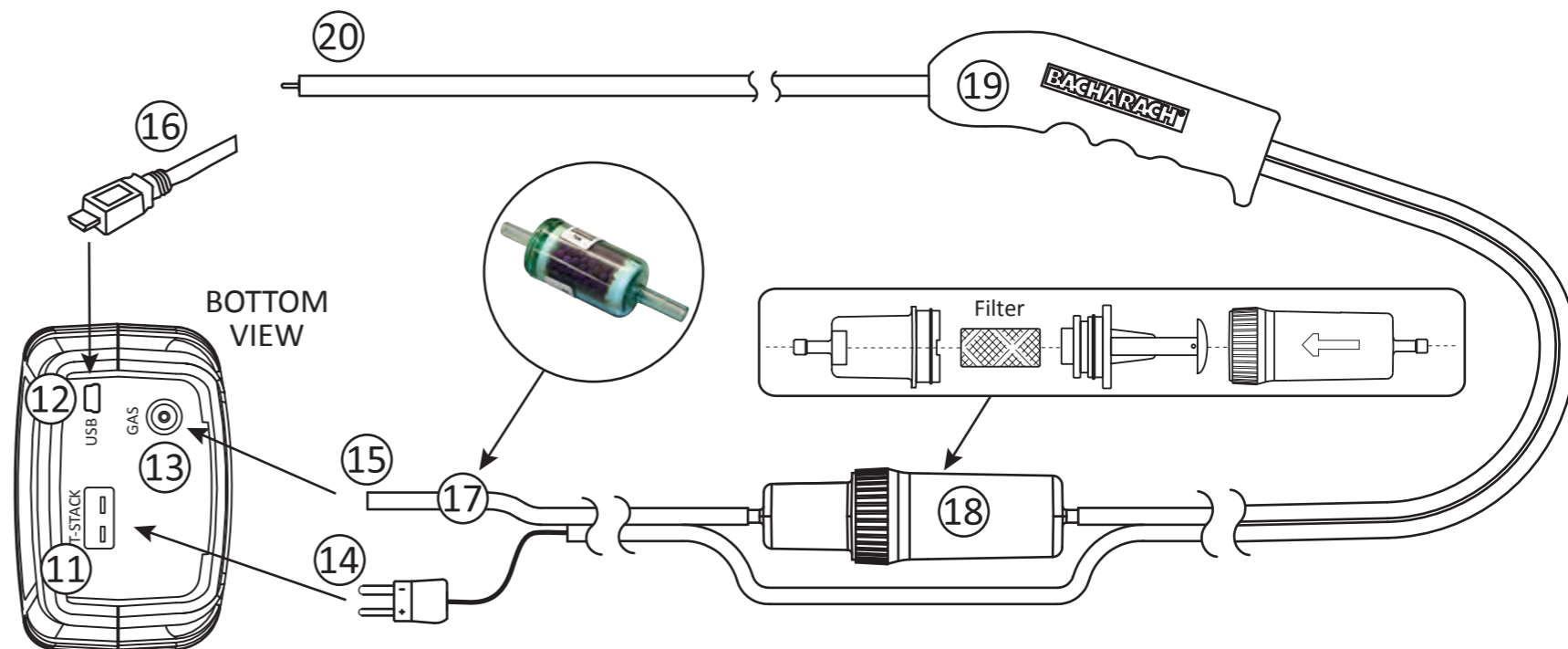
- ▶ Calibrate as needed



- ▶ Replace batteries as needed

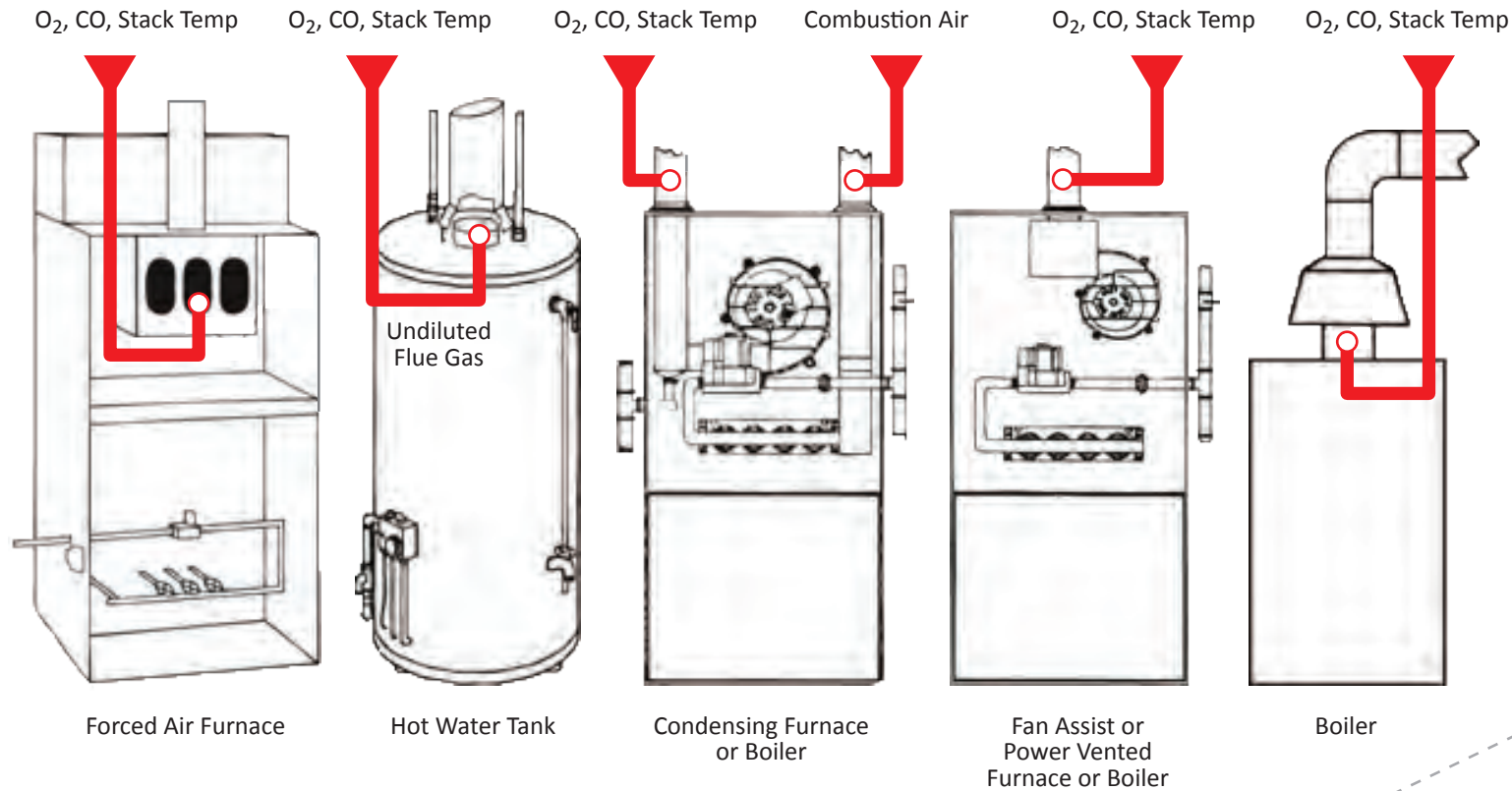


- ▶ Replace water trap (18) filter as needed

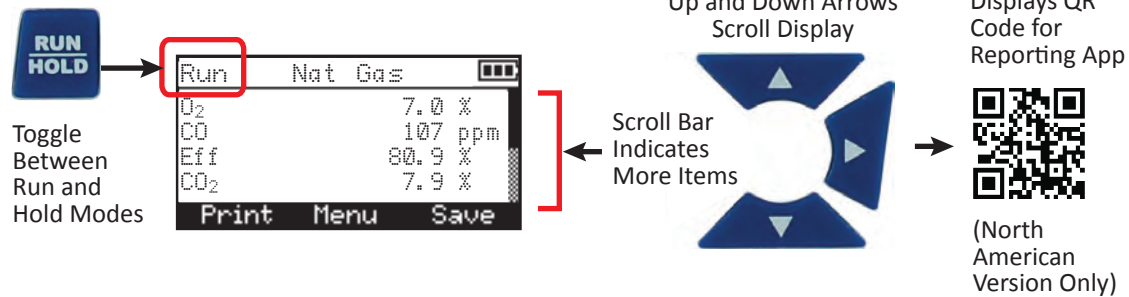


# TEST

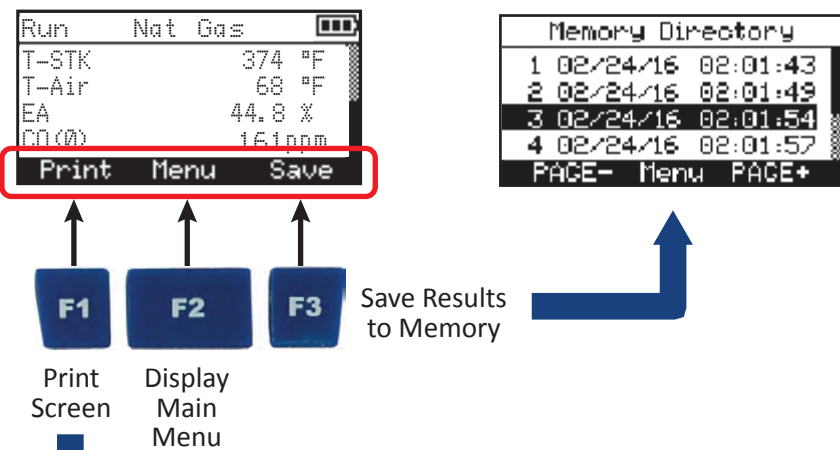
▶ Insert probe at the appropriate sampling point based on equipment type (be sure to avoid dilution of the gas sample)



▶ Start (RUN) and Stop (HOLD) Test



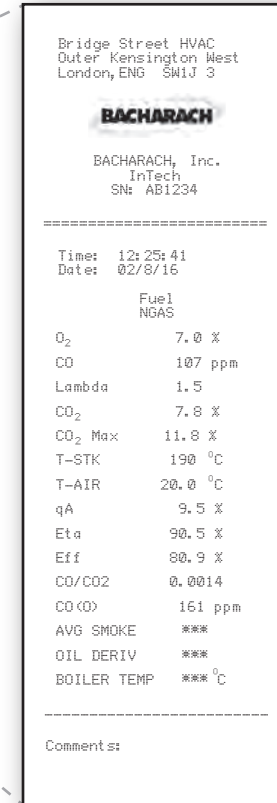
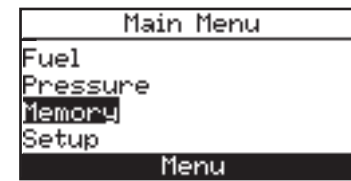
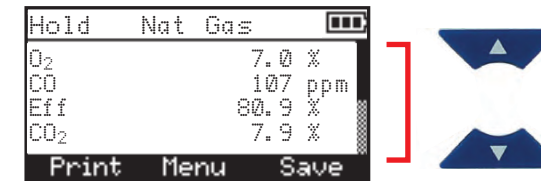
▶ Print data (F1 button) and/or Save data (F3 button) to memory if desired



# ADJUST

▶ Review all combustion data from various sources:

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



# FINISH

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

▶ 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



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