

The Information in this Quick Guide is intended to help the user with the basic operation of the analyzer. For a more complete description of all the features of HM5000 Gas Analyzer, please refer to the User or Operator's Manual.

## Getting Familiar With Your HM5000 Gas Analyzer

In addition to the ON/OFF BUTTON and the POWER INDICATOR, there are four soft keys on the HM5000 Gas Analyzer. These keys allow you to select actions and change the display accordingly. Each key corresponds to a select position on the screen. When you change screens, the key words will change to indicate how the key can be used.

### Initial Power-up

- A. After plugging in the HM5000 Gas Analyzer, the POWER INDICATOR [8] is lit indicating the power supply is attached. Press the ON/OFF BUTTON [9] momentarily to turn on the unit. During power-up, the status bar in the DISPLAY AREA [1] indicates warm up status. When this is complete, the operator **MUST** zero the analyzer before starting the first test. The corresponding SOFT KEY [7] will change with the different functions of the analyzer. To power off the analyzer, **Push and hold down the ON/OFF BUTTON for 2 seconds** and the analyzer will turn off.

### Identifying Actions When Pump Is Off

- B. **PUMP** – Allows manual on/off operation of the pump. Can be used to purge gas from the analyzer.  
 C. **ZERO** – Zeros the analyzer for approximately 1 minute. Pump is automatically controlled during zero.  
 D. **PLAY** – Plays back recorded data.  
 E. **MENU** – Displays all configuration menus.

### Identifying Actions When Pump Is On

- F. **HOLD/RESUME** – Freezes/Activates all display values.  
 G. **PRINT** – Prints data to a printer connected to the SERIAL CONNECTOR [12] port.  
 H. **RECORD** – Records data to internal storage. Data can be replayed or downloaded to a PC or PDA at a later time.

### Measuring Gases

You can begin measuring gas concentrations by connecting the sampling hose/probe assembly to the SAMPLE HOSE INLET FITTING [4] located on the top of the analyzer. Insert the sampling probe to a gas source or an exhaust stream. Press PUMP by using the corresponding SOFT KEY [7] to begin sampling of the gases. Allow a few seconds for the gases to reach the analyzer. While the pump is on, you can hold or freeze the display values by pressing the corresponding SOFT KEY [7].

