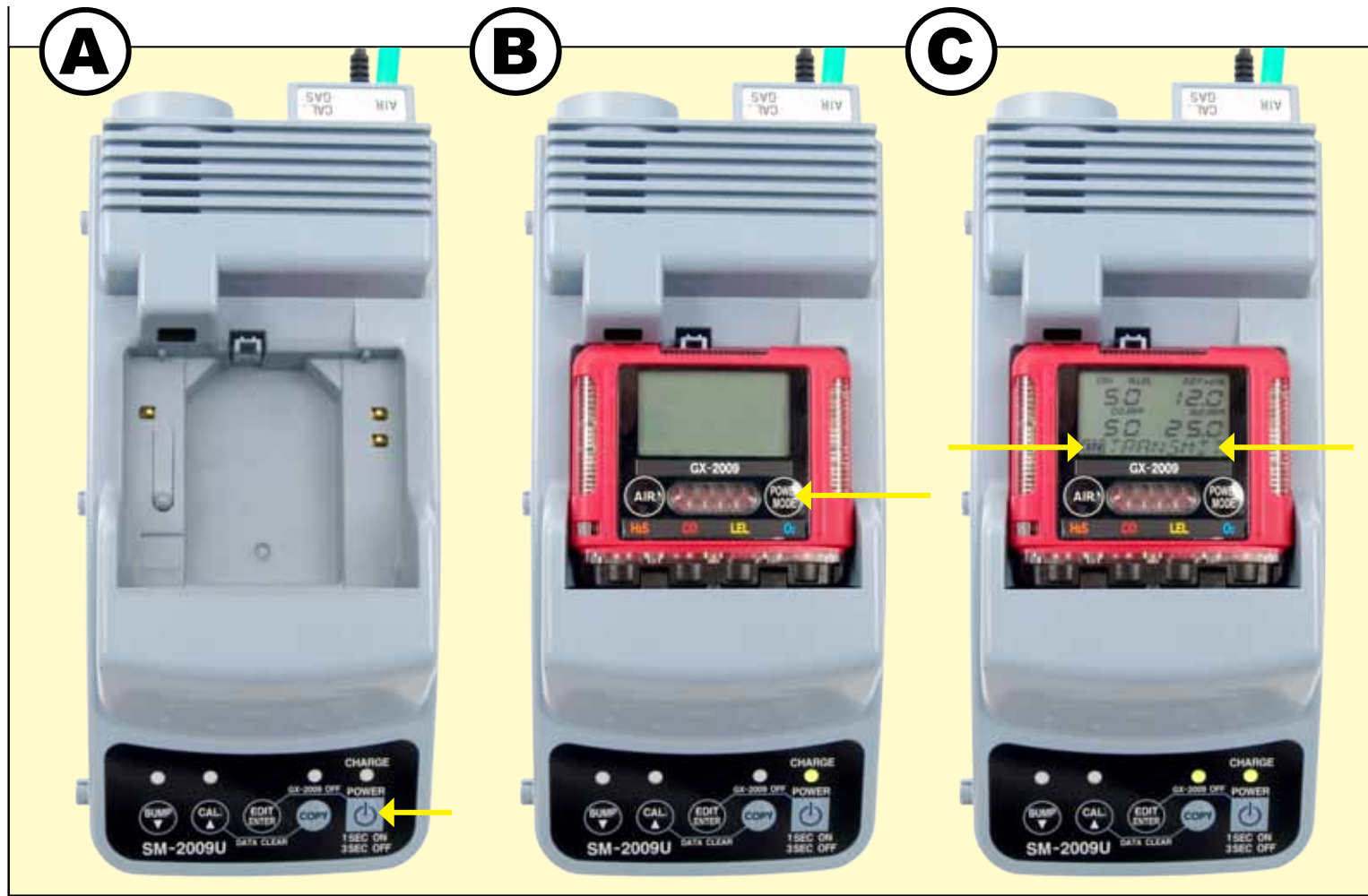
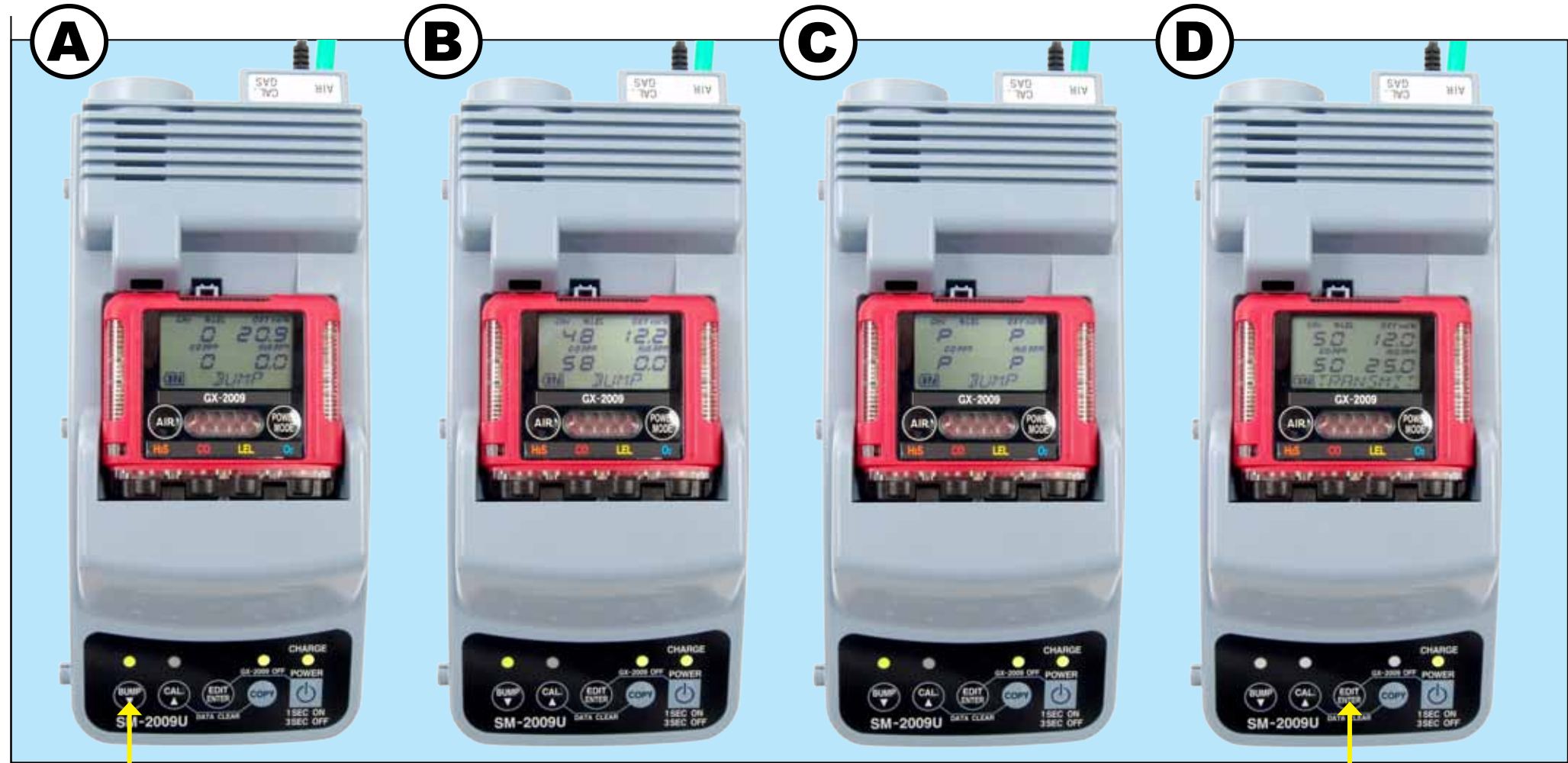


# GX-2009 Calibration Station User Guide

TURN ON



BUMP TEST



**Turn Cal Station On**  
Press the "POWER" button on the cal station.

**Turn Instrument On**  
Seat the GX-2009 into the cal station. Then turn on the GX-2009 by pressing the "POWER MODE" button on the gas monitor.

**Instrument Connected**  
Once on, the display will show gas channels and a transmit message.  
**Note:** Ensure calibration gas cylinder is connected to a demand flow regulator and then to the back of the cal station. Make sure calibration gas concentrations match values shown on display.

**Bump Test**  
Press the "Bump" button to start

**Bump Gas Reading**  
During Bump test, the display shows current gas reading.

**Bump Results**  
The BUMP LED will stop blinking and be on steadily green if the bump test passed or steadily red if the bump test failed. Display will show "P" for pass or "F" for fail for each sensor.

**Return to Transmit Screen**  
Press the "EDIT/ENTER" button. See screen "E" below for turning off instrument after completion.

CALIBRATION



**Calibrate**  
Press the "CAL" button to start calibration.

**Calibration Gas Readings**  
During calibration, the display shows current gas readings. Typical calibration will take 3 minutes.

**Calibration Results**  
Once calibration is complete, the display either shows a "P" for pass or an "F" for fail for each sensor. The display will alternate between the gas concentration and the letter P when the monitor passes calibration. The "CAL" LED lights in green when calibration is passed. "CAL" LED lights in red if there is a failure.

**Turning GX-2009 Off**  
Turn off the GX-2009 gas monitor by pressing the SM-2009 "EDIT ENTER" and "POWER" buttons simultaneously. The instrument can now be removed from the calibration station.

**Warning:** Do not remove the GX-2009 before turning it off, and do not use the GX-2009's power button to power it down.

DATA TRANSFER



**Data Transfer To USB Flash Drive**  
With USB flash drive installed and unit powered on, press and release the COPY button. The COPY LED will become solid red while the records in the calibration station's memory are copied to the flash drive. In addition, the flash drive's LED will begin to blink.

When the LED stops blinking, the copy operation is complete. Remove the flash drive from the USB port.

Transfer data to PC with Calibration Station software, following the instructions in the Operator's Manual.