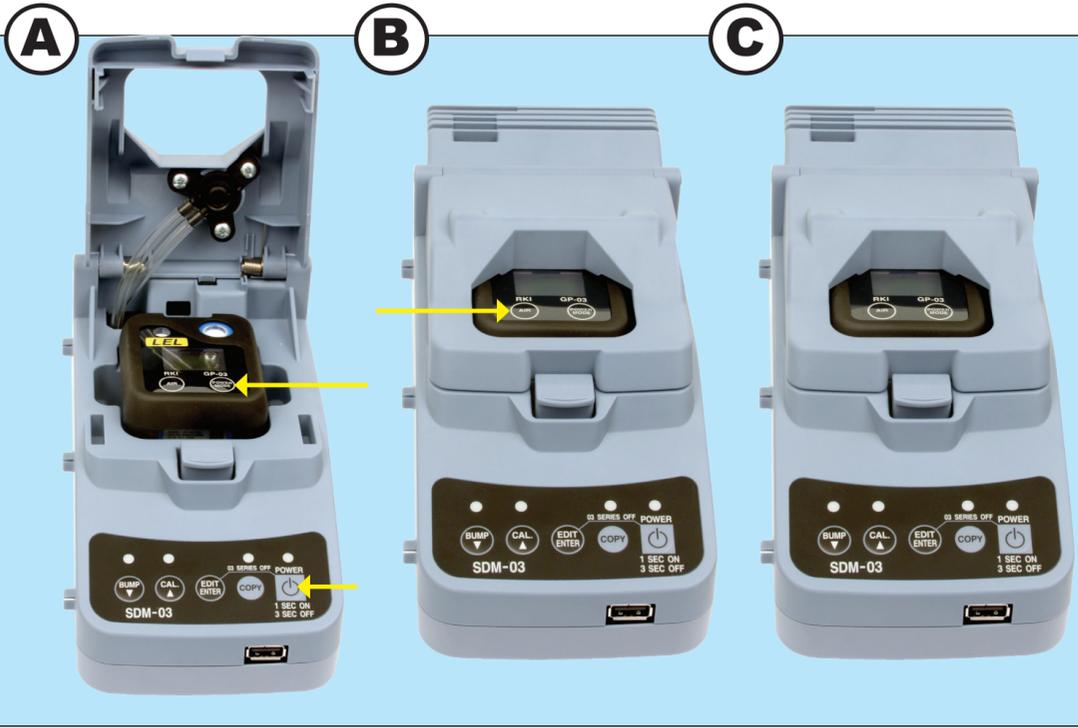


TURN ON



Turn Cal Station On

1. Press the "POWER" button on the cal station.
2. Seat the 03 Series into the cal station and close the cover. Then turn on the 03 Series by pressing the "POWER/MODE" button on the gas monitor.

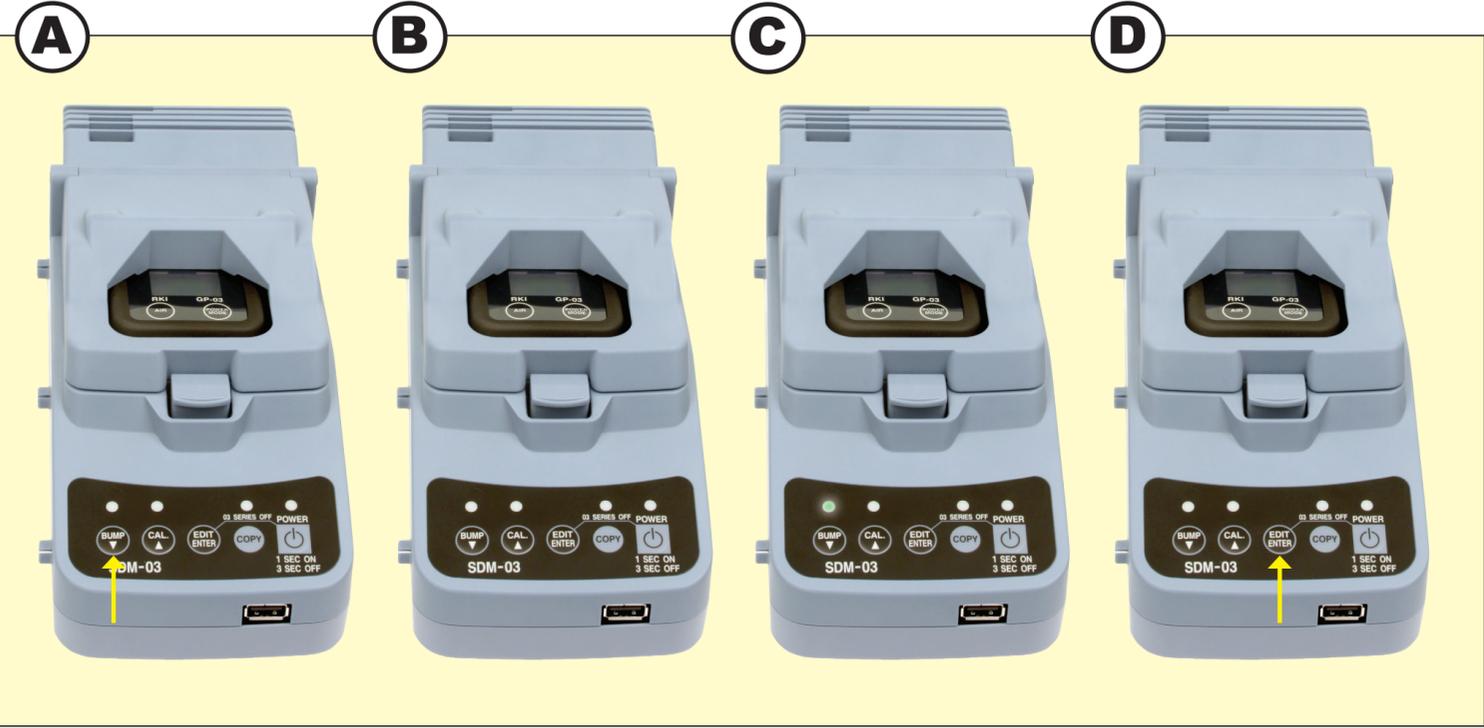
Confirm C.LIMIT

If the LCD display reads C.LIMIT, press the AIR button on the gas monitor to continue to CONN. If C.LIMIT is not displayed continue to the next step.

Instrument Connected

The display will show auto calibration value and a transmit message. The gas monitor is ready for a Bump Test or Calibration.

BUMP TEST



Bump Test

Press the "BUMP" button to start bump test.

**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 concentration matches value shown on display.

Bump Gas Reading

During Bump test, the display shows current gas reading.

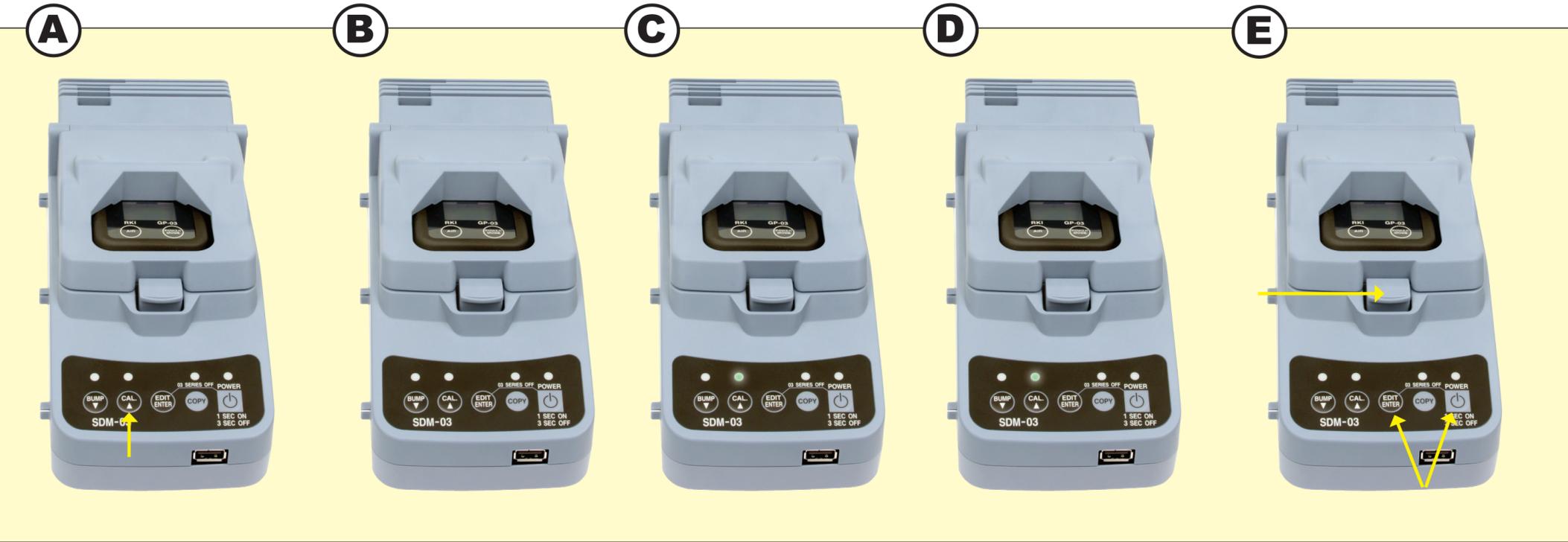
Bump Results

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 alternate between the gas concentration and "P" for pass or "F" for fail.

Return to Transmit Screen

Press the "EDIT ENTER" button. See step "E" below for turning off instrument after completion of bump test.

CALIBRATION



Calibrate

Press the "CAL" button to start calibration.

**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 concentration matches value shown on display.

Calibration Gas Readings

During calibration, the display shows current gas reading. Typical calibration will take 1.5 minutes.

Calibration Results

Once calibration is complete, the display will alternate between the gas concentration and "P" for pass or "F" for fail. The "CAL" LED will be green if the calibration is passed. "CAL" LED will be red if the calibration failed.

Removing from SDM-03

After a successful bump test or calibration, the 03 Series will automatically turn off within 15 seconds. To turn off manually, press the "EDIT ENTER" and "POWER" buttons simultaneously on the SDM-03 Calibration Station. Do not remove the 03 Series before turning it off, and do not use the 03 Series's power button to power it down.

Press tab at bottom of the SDM-03 cover to flip open cover then remove the 03 Series.

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.



## 03 Series Calibration Station User Guide



**Model SDM-03**

PN 71-0361