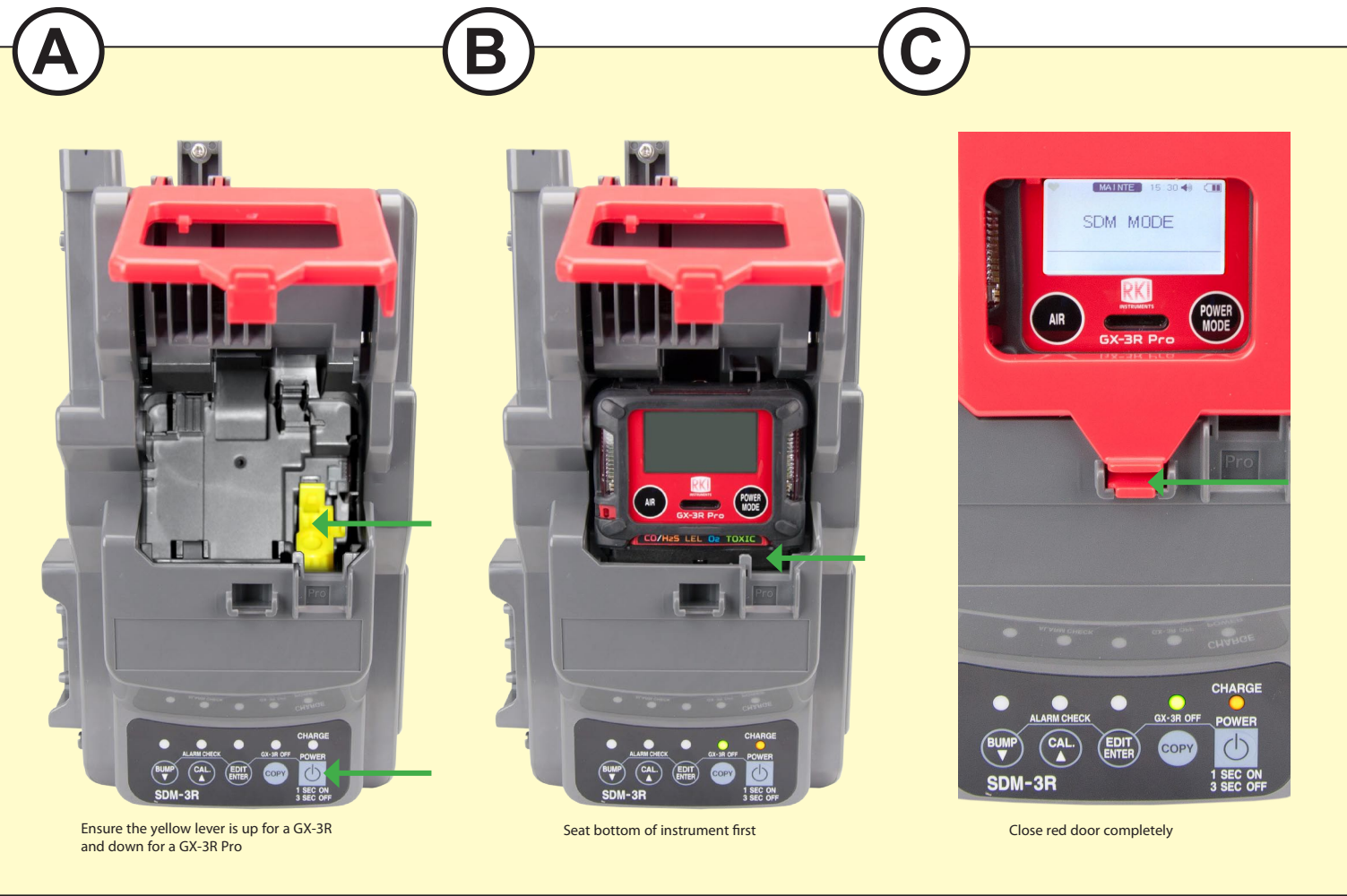## TURN ON

A — Turn Cal Station On

1. Press the POWER button on the SDM-3R. The SDM-3R's "CHARGE" LED will be solid green if it is operating properly or solid red if there is a system failure.

Ensure the yellow lever is up for a GX-3R and down for a GX-3R Pro
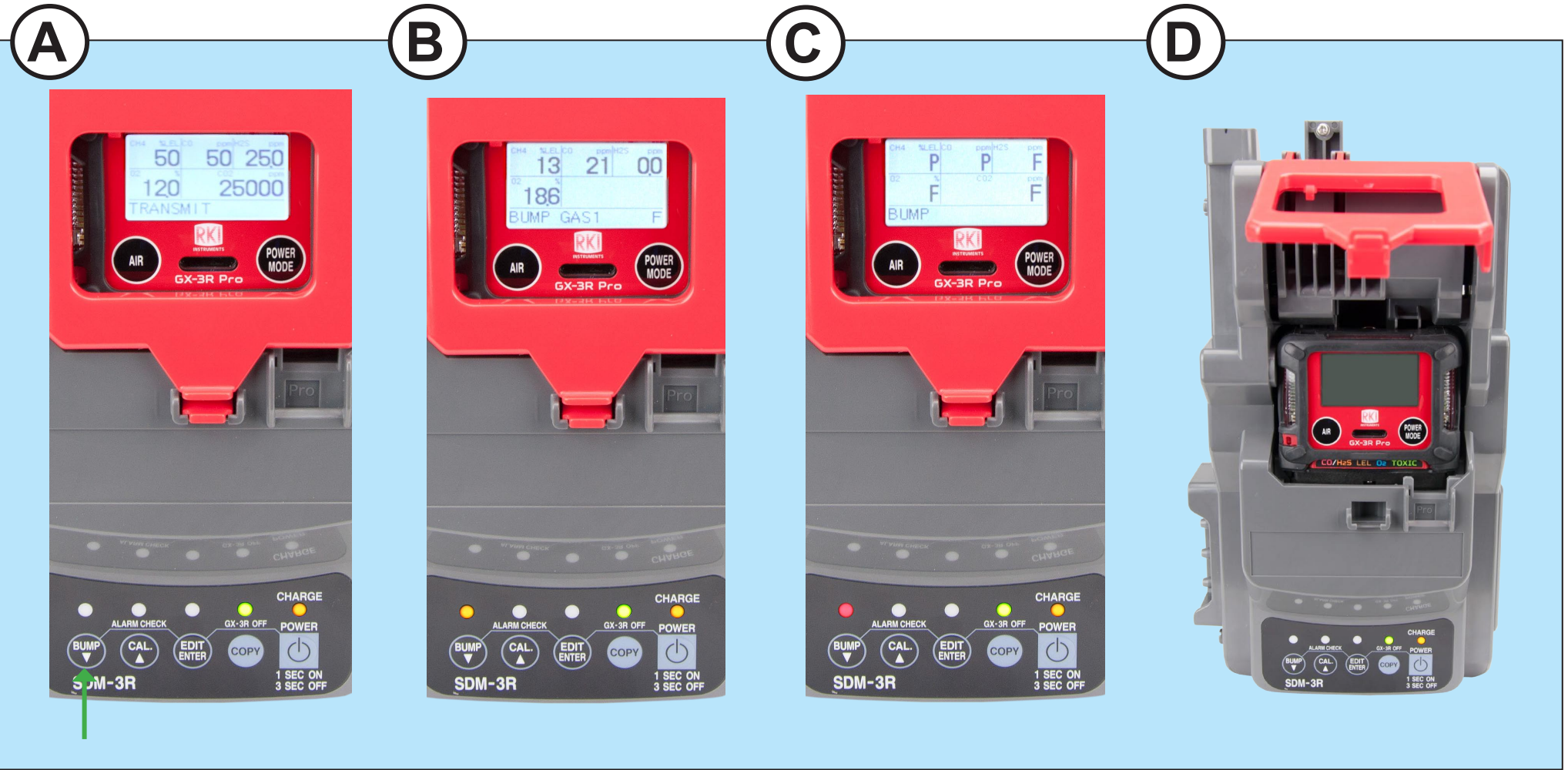
B — Inserting Gas Monitor

1. With the GX-3R (Pro) off, seat it into the cal station, bottom first.

2. Close the red door. The GX-3R (Pro) will automatically turn on and connect to the SDM-3R.

Seat bottom of instrument first

C — Gas Monitor Connected

When the GX-3R (Pro) is connected to the SDM-3R, the GX-3R (Pro)'s date and time are automatically updated to the SDM-3R's current date and time.

If an automatic test is set up to occur, it will start as soon as the GX-3R (Pro) is connected to the SDM-3R.

Close red door completely

BUMP TEST

A — Bump Test

Verify that the appropriate calibration gas cylinders are connected to the gas fittings on the left side of the SDM-3R.

1. Press the BUMP button to start bump test.

Note : If necessary, confirm that the bump test parameters are set to the desired values.

B — Bump Gas Reading

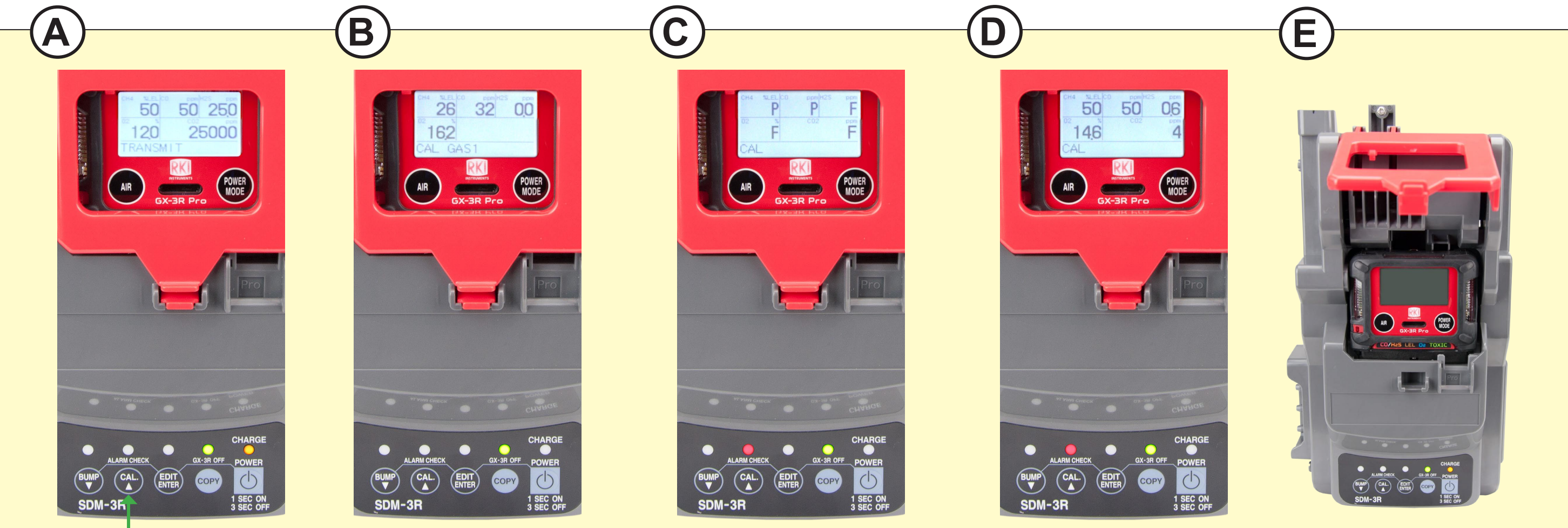During the bump test, the GX-3R (Pro)'s screen will display the current gas readings.

C — Bump Results

Once bump test is complete, the LCD screen will alternate between the gas concentration and pass/fail status (shown as P or F on screen) for each sensor. The "BUMP" LED light on the SDM-3R will be green when a bump test passed. "BUMP" LED light is red if there is a failure. The GX-3R (Pro) will shut off automatically after bump test.

D — Removing Gas Monitor

1. Release the tab on the red door.

2. Remove the GX-3R (Pro).

CALIBRATION

A — Calibrate

1. Press the CAL button to start calibration.

Note : Ensure calibration gas cylinder is connected to a demand flow regulator and then to the left side of the cal station. Make sure calibration gas concentrations match values shown on display.

B — Calibration Gas Readings

During calibration, the display shows current gas readings. Typical calibration will only take 90 seconds.

C — Calibration Results

Once calibration is complete, the LCD screen will alternate between the gas concentration and the letter "P" for pass or an "F" for fail for each sensor. The "CAL" LED light on the SDM-3R will be green when calibration is passed. "CAL" LED light is red if there is a failure.

D — Removing from SDM-3R

The GX-3R (Pro) will shut off automatically after successful calibration.

1. Release the tab on the red door.

2. Remove the GX-3R (Pro).

E

DATA TRANSFER

Transfer Data To USB Flash Drive

1. Insert a USB flash drive with unit powered on.

2. Press and hold COPY until the COPY LED is solid red, then release. (to only download the data on the gas monitor, keep pressing the COPY button until LED is flashing orange).

3. The USB flash drive can be removed when the COPY LED flashes green.