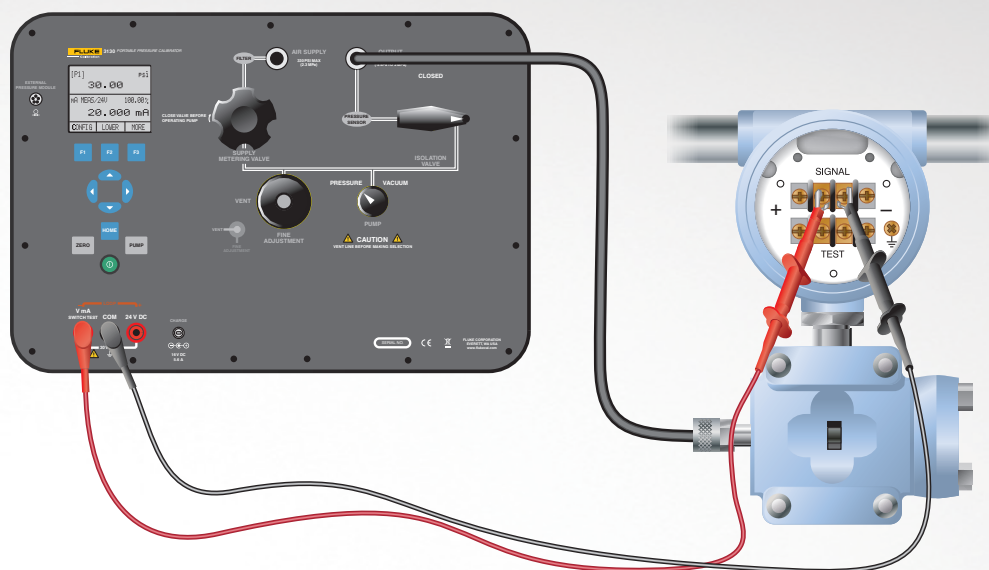


## TECH TIPS

- Inaccurate calibration equipment will only degrade the performance of the transmitter.
- Manufacturers recommend using precise calibration equipment under stable, ambient conditions for best results.
- Commission transmitters at the bench so security settings and protection for failure modes can be set before exposing transmitter electronics to factory conditions.



## To perform the test:

- STEP 1** Connect the transmitter test hose from the calibrator to the transmitter
- STEP 2** Connect the mA measurement jacks of the calibrator to the transmitter
- STEP 3** Set the pressure/vacuum selection knob to the necessary function
- STEP 4** Close the vent knob and supply metering valve
- STEP 5** Apply pressure or vacuum from the pump by holding down the pump button and release when the necessary pressure is reached
- STEP 6** Correct the pressure with the fine pressure adjustment
- STEP 7** Read the reference pressure and the current output of the transmitter from the display
- STEP 8** Repeat for all test points. If the measured mA signal at the test points is found within tolerance the test is complete. If not, then adjustment is required.

### Additional resources

For more in depth information about this application check out these videos and application notes from Fluke.



How to use a deadweight tester  
Fluke 719 electric pressure calibrator demonstration



Transmitter Calibration with the Fluke 750 Series DPC  
HART transmitter calibration