

New Style Soilmoisture Equipment Vacuum Gauges Model #'s 2060FG3, and 2060FG5

Description:

Case Size: 2.5".

Range: 0 to 100 centibars of vacuum - zero cage
- subdivisions 2 centibars.

Connection 1/4" NPT male - brass - lower mount
- with groove/washer/O-ring on socket
and a .161 bore +- .002, groove finish: RA 32 finish.

Internal Parts: Phosphor-bronze tube.

Case: 304 stainless steel, with push button on top of gauge
to equalize pressure.

Weather protection: IP65.

Weather protection, cover ring: stainless steel polished,
crimp on, window: polycarbonate with recalibration screw through
window.

Movement with span adjustment: maximum span adjustment +/- 45 deg on a 90 deg arc

Dial: ABS white with custom two color logo, pointer: aluminum black.

Packaging: individual box accuracy: +/- 1.6% of full span.



Use Recalibrator gauges 2060FG3 and 2060FG5 to adjust to ZERO:

There are three reasons why the gauge will not point to ZERO for new gauges;

- 1) Tensiometers having a large difference in height between the sensing tip and the vacuum gauge, will develop a small but detectable pressure head at the ZERO ELEVATION (sensing tip). Use the recalibrator screw on the face-plate to adjust the needle value to ZERO when the tensiometer has been properly serviced and the sensing tip is placed in a shallow cup of water. Normally you would expect 3CB of suction for each foot of tensiometer, which means a 48" tensiometer, properly serviced with the cup in water, would read 12CB. It is most accurate to press the "push-button" to guarantee the inside of the gauge is at atmospheric pressure.
- 2) Gauges at an altitude other than SEA LEVEL will indicate a gauge value other than ZERO, if the vent "push-button (defined above) has not been pushed. Press the "push-button" to equilibrate the gauge to local atmospheric pressure.
- 3) Large temperature differences since the last venting.

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