

Calibration procedure for Presidium Gem Tester II (PGT II)

1. Remove the Calibration Plug from the side of the housing to access to the calibration potentiometers, C1 & C2 (Fig. 1.1 & 1.2)



Fig. 1.1

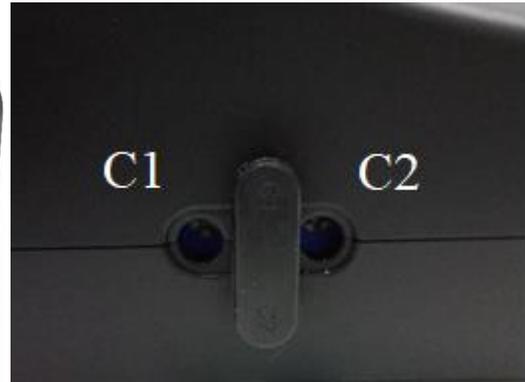


Fig 1.2

2. Adjust the indication needle so that it moves to the center of the red “CAL” strip by fully depressing the probe tip against the “CAL” Disc while simultaneously adjusting potentiometer C1 (Fig.2) with a screw driver.



Fig. 2

3. Adjust the indication needle so that it moves to the center of the red “GLASS” strip by fully depressing the probe tip against the “GLASS” Disc while simultaneously adjusting potentiometer C2 with a screw driver.



Fig. 3

4. Repeat steps 2. & 3. till indicator needle falls in the center on both “GLASS” & “CAL” strips.

Note: As the probe tip is sensitive to changes in surrounding temperature, kindly ensure that recalibration is not conducted in environments of direct wind and should be performed in a stable environment. It is also normal to perform re-calibration 2-3 times to achieve the tester’s optimal calibration.