



**GAWANDE COLLEGE OF
PHARMACY.**

Sakharkherda, Lavala Road, Tq.
Sindkhed Raja
Dist.Buldhana



Department: **Analytical Chemistry**

Name of the instrument: **POTENTIOMETER**

S.O.P. No.: GCP/PH/012

Stock Register No.: AC-0019/02

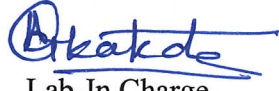
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Procedure:

1. Ensure that instrument is clean and free from dust.
2. Fit the Glass and Reference electrode in the spring clip of the electrodes holder and attach the electrode leads to the Red and Black sockets of the instrument of back panel.
3. Ensure that plug is connected to the main lead to 230V, AC socket.
4. Press power 'ON/OFF' switch at the panel to 'ON' position.
5. Put the left selector switch to STAND BY position. Display shows 000 ± 1 .
6. Carefully dip both the electrodes into the solution under test.
7. Put the left selector switch to "mv" Position.
8. Select appropriate range i.e. 200 mv or 2000 mv with right selector switch.
9. The display shows the reading directly in mv's.
10. Similarly mv reading can be taken with other indicator and reference electrodes.
11. Switch OFF the instrument when not in use for long period.


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