



Half-Cell Corrosion Potential meter

Corrosion is a natural process that occurs when a structure is exposed to elements like CO₂ or chloride, which can penetrate the concrete all the way to the steel reinforcement. This can have serious durability and safety consequences, which is why it is important to monitor corrosion using an accurate and trusted method.

The half-cell potential test is the only corrosion monitoring technique standardized in ASTM C876 – 15

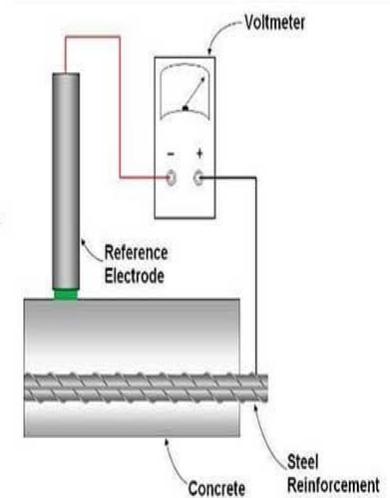
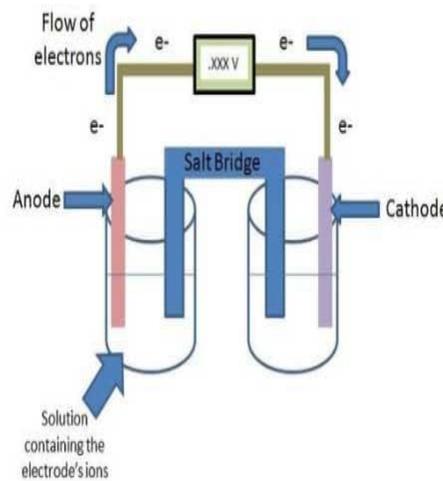


Specification:-

- Range: -999mV to +999mV
- Accuracy: +/- 5mV
- Power Supply: pencil cell battery
- Operating Temp: 0 deg Cells to 50deg Cells

Features volt meter:-

1. To measure value in mV
2. Reading can be hold
3. Backlight Display to use in dark
4. Back side torch available



Standard package:-

1. Machine main unit
2. Cables 1 pair
3. Electrode
4. Electrode Cap 1 pair
5. Carrying case
6. NABL calibration certificate

Measured Potential (mV CSE)	Probability of Steel Corrosion Activity
>-200	Less than 10%
-200 to -350	Uncertain
<-350	More than 90%

Vedantrik Technologies