

**Product Name :**  
Digital Half Cell Potential

**Product Code :**  
TEST5176RTLBT-0044



**Description :**

Digital Half Cell Potential

**Technical Specification :**

**Digital Half Cell Potential**

The Half-Cell gauges measures the condition and potential corrosion of rebars and steel structures within concrete.

When corrosion occurs the ferric oxide protective layer surrounding the concrete breaks down allowing an electrochemical reaction between the steel and the concrete.

In the Half Cell test, a reference electrode is passed over the surface of the concrete and the potential voltage difference is recorded. These potential voltage readings show where corrosion is likely to be, or is currently present.

**Features:**

Large, easy to read backlit display: For easy viewing in dark environments.

Ultimate data management tool to store Half-Cell readings and produce professional reports.

Single handed operation: Most functions can be accessed & controlled through 4 simple keys.

Intuitive menus in multiple languages: Allows use straight out of the box

Rechargeable battery supply: Battery packs can be charged inside or outside the gauge.

Ergonomically shaped case: For ease of use and comfort, with a gentle curve to fit snugly against the hip.

Powerful software: Ultimate data management tool to store Half-Cell readings and produce professional reports quickly and easily.

---

Technical Specifications:

Half-Cell Meter, rechargeable battery pack and battery charger

80m extension cable on spool,

Reference electrode including copper sulphate reservoir

Container of copper sulphate 250ml

Wetting agent reservoir (capacity 250ml)

Dispensing sponge

Carrying case



**Testing lab instruments India**