

# CATH-TECH™

## CA-100 Carbon Reference

Carbon Reference  
Electrodes For  
Reinforced Concrete  
Structures



### PHYSICAL DATA

- ◆ **CA-100 Carbon rod 10mm X 75mm Pre cast assembly 25mm X 100mm. Lead wire 3 metres of #12 RWU-90 white. Lead wire can be fabricated to customer's requirement.**

A miniature carbon reference electrode, pre-treated and cast in chloride contaminated concrete for reliability and stability.

Each carbon rod is pretreated for a minimum of 14 days to insure reliability and stability. The carbon rod after passing the pre-treatment process and inspection is then cast in chloride contaminated concrete.

Our standard lead wire is #12 7std. copper with White RWU-90 (XLPE) insulation 3 metres long. Other lead wires can be supplied at the customer's request; please allow four weeks for delivery of non standard leads.

The CA-100 carbon reference electrodes are

designed for installation in new or existing reinforced concrete structures. The CA-100, due to their inherent stability, are the ideal reference electrode for monitoring depolarization tests.

The CA-100 reference electrodes should be installed in chip outs or cored holes in existing reinforced concrete structures. In new construction the CA-100 may be tie wrapped to the steel reinforcement using non metallic fasteners.

The CA-100 should be soaked in clean potable water for a minimum of 4 hours prior to installation or concrete pour.

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