

Product Selection Guide

The model identification used for EDI products consists of three groups, eg: CM-AGC-LW. The first group defines the basic product while the second and third groups define the various options associated with that product. This selection guide briefly describes products within the EDI C Series. For further information, see the individual data sheets.

C Series products are designed for use in reinforced concrete and include references with Ag/AgCl elements and rebar probes. EDI also designs and builds custom products for concrete applications to fulfill special requirements.

CB Permanent Embedded Reference

CB Series Ag/AgCl reference electrodes are designed specifically for use in reinforced concrete. They are encased in a bag containing a compliant backfill to ensure good bonding to the structure and feature shielded cable lead wires to eliminate electronic interference. CB electrodes are available in three sizes: CB25 with a 25 yr. design life, an extended life version CB50, and a sub-sized version CB15.

CM Ag/AgCl Probe for Concrete

This is a Ag/AgCl reference electrode that has been optimized for use in concrete. In concrete saturated with seawater, it offers the long term stability of our Model CB at a price comparable to graphite probes. In other environments, it is an improved replacement for graphite probes.

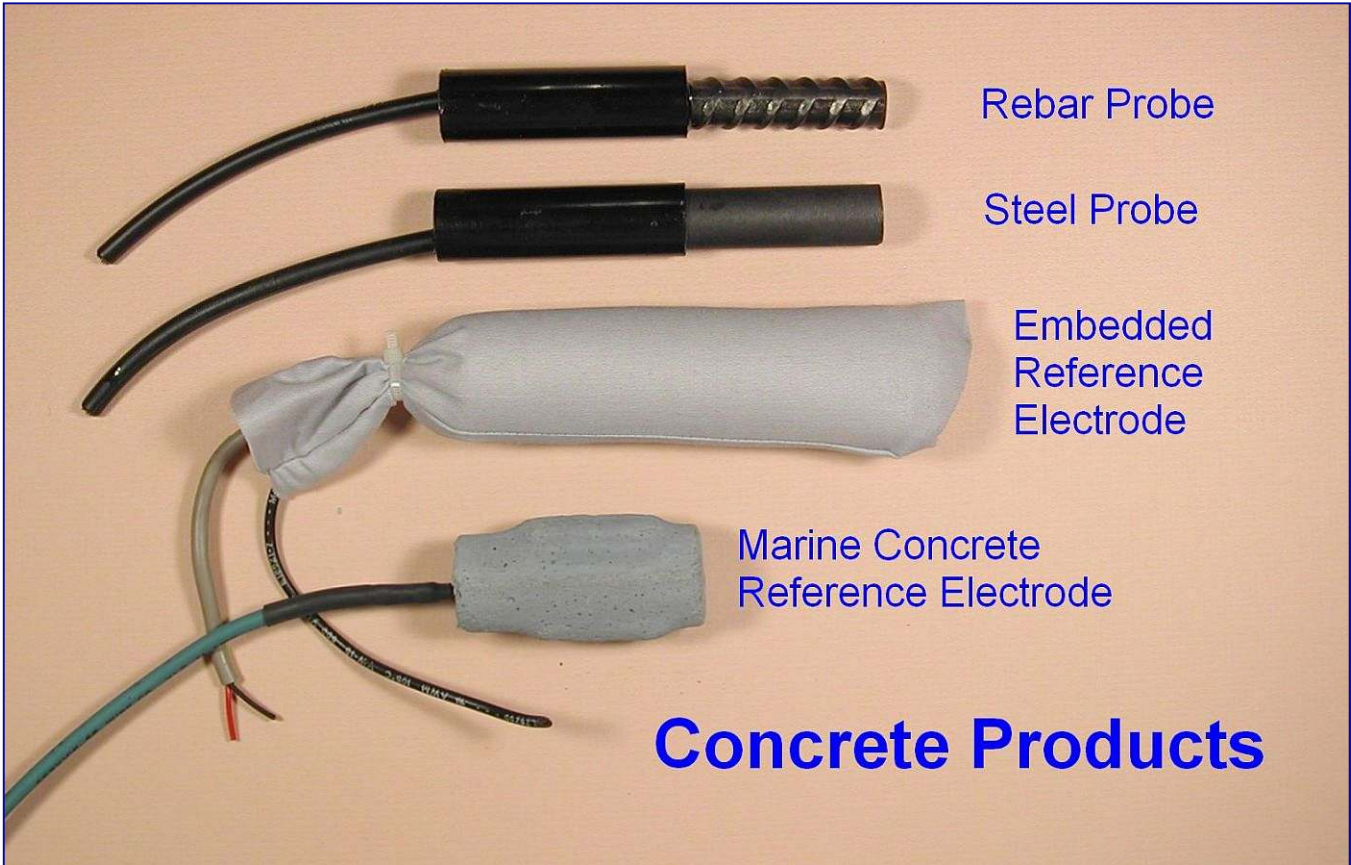
CP Concrete Probes

Rebar Probes are used for corrosion rate monitoring by the linear polarization resistance technique. The rebar probe is the working electrode while the rebar net serves as the counter electrode. They are frequently used to monitor reinforced concrete with inhibitors and sealers.

CX Custom Products

The CX model designation is used for special or unusual customer requirements.





Rebar Probe

Steel Probe

Embedded
Reference
Electrode

Marine Concrete
Reference Electrode

Concrete Products