

Product Selection Guide

The model identification used for EDI products consists of three groups, eg: UL-CUG-SW. 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 U Series. For further information, see the individual data sheets.

U Series **underground** references are available with Cu/CuSO₄ or Ag/AgCl elements. Standard termination is 50 feet #14AWG HMWPE wire; other wire sizes and types are possible. EDI designs and builds references for any underground application. We also offer the standard products listed below.

Reduced Diameter Reference Electrodes (SlimLine™)

These references can be installed in a 2 inch (5 cm) diameter hole. They are typically used in retrofit installations beneath paved surfaces such as underground tanks, hydraulic cylinders or pipes. They are also ideal for use beneath aboveground storage tanks. **Model US** has a 30 year design life while **Model US50** has a 50 year design life. **Model UD** Dual Element Reference Electrode is a variation of the SlimLine references. It has a Cu/CuSO₄ or a Ag/AgCl element with a 30 year design life in addition to a zinc element. It is primarily used beneath aboveground storage tanks.

Standard Design Underground Reference Electrodes

These references are contained in a cotton bag filled with a bentonite-gypsum backfill. They are best for new construction where there is an open excavation. **Model UL** Extended Life Reference Electrode with a 30 year design life has become the standard reference electrode for underground applications. Choose **Model UL50** for demanding applications requiring a 50 year design life. **Model ULM** is Model UL contained in a smaller bag.

Undertank Reference Electrodes

These reference electrodes are designed for measuring potential profiles through a perforated pipe beneath aboveground storage tanks. Model UT2 fits through a 2 inch pipe while Model UT3 is used in a 3 inch pipe. Model UT1 can fit through a 2 inch short radius ell allowing its use in existing monitoring pipes.

Cathodic Protection Coupons

Cathodic Protection Coupons permit the measurement of IR drop free potentials on all types of cathodic protection systems (sacrificial and impressed current). **Model UC** Underground CP coupon is a patented plate coupon that permits measurements to be made without disconnecting the coupon; it is available with an optional internal zinc reference. This product is attached to a conventional test station. **Model UI** sensor is a rod coupon fitted to Model UL or US references at time of manufacture; the coupon is momentarily disconnected to make instant-off measurements.

UX Custom References

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



