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## EC1000™ & EC2000™ ElectroChemical Battery Analyzers KELVIN PROBE OPTIONS

The EC1000™ & EC2000™ ElectroChemical Battery Analyzers are used in a multitude of applications. All of the Kelvin probes offered by Global Energy Innovations use a four-terminal configuration to allow the Analyzers to eliminate the impedance contribution of the wiring and contact resistances during critical ElectroChemical measurement of batteries.



### Kelvin Clips - Standard (8600-0004)



- Standard Probes supplied with the EC1000™ and EC2000™ Analyzers.
- Heavy Duty - glass filled nylon.
- One set of two Kelvin Clips with 6-foot-long (1.83 m) cable assembly.
- Provides a solid connection for most applications where the battery terminals are accessible.
- Recommended for 0.50" (12.7 mm) to 1.75" (44.5 mm) terminal post diameters.
- Clip Length 6.5" (165 mm).
- Replaceable, Nickel-Plated, Corrosion-Resistant Teeth. Replacement teeth (4242-2009) available.

### Kelvin Probes - Single Point (8600-0018)



- Use in hard to reach locations and for European battery protective caps with voltage test holes.
- Replacement tips (4242-0008) available. User replaceable tips.
- One set of two Kelvin leads with 5-foot-long (1.52 m) cable assembly.
- Provides a solid connection for most applications where the battery terminals are hard to reach.
- Recommended for all terminal post diameters.
- Probe Length 5.5" (140 mm).
- Tip Diameter: 0.11" (2.87 mm). Tip Length: 0.51" (13.00 mm).
- Gold-Plated Tips.



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### Kelvin Probes - Double Point (8600-0011)

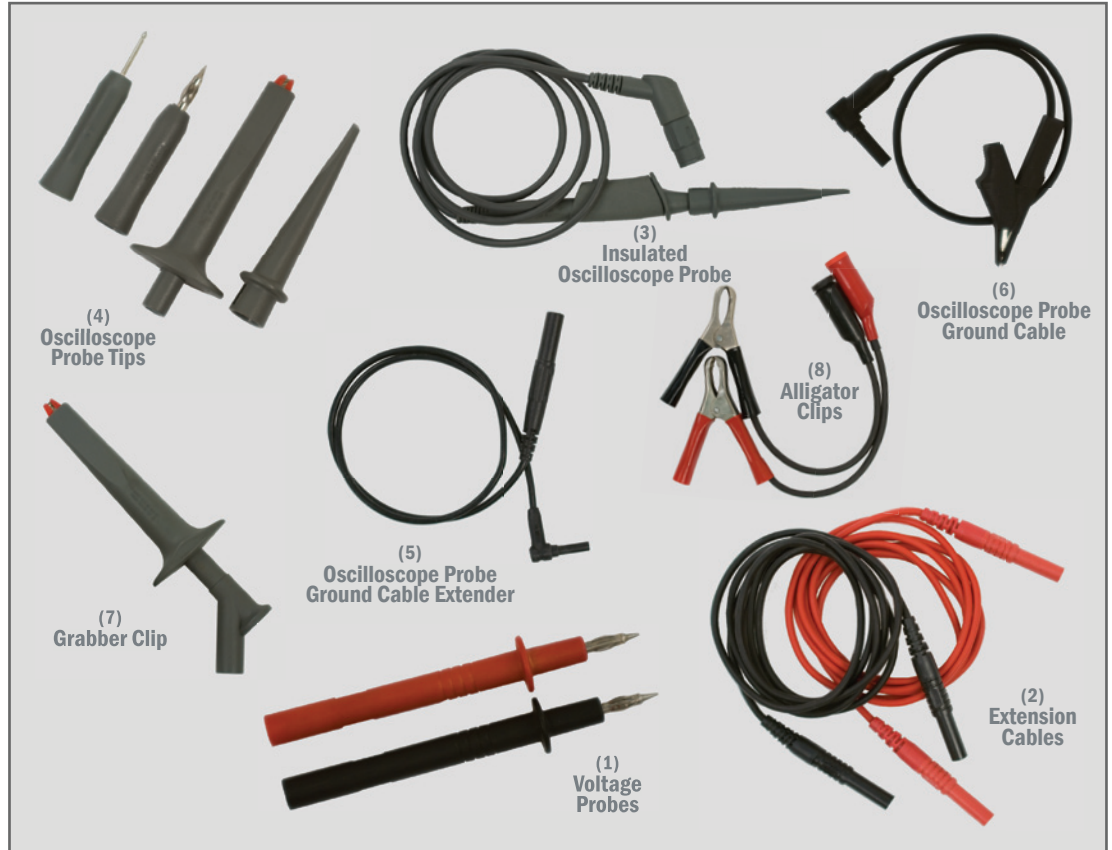


- Use for hard to reach locations. Use in UPS applications where the battery terminals cannot be clamped or easily reached. Use for safe access to high-voltage strings.
- One set of two Kelvin Probes with 6-foot-long (1.83 m) cable assembly.
- Replacement Tips - Pointed (4242-0001) and Waffle Style (4242-0002) available. User replaceable tips. Tip Diameter: 0.12" (3.15 mm).
- Heavy Duty, highly-insulated 32" extender poles.
- Probe Head (Length - 6", 152 mm) can be mounted on short (14", 356 mm) or long (28", 711 mm) handles depending on configuration, for easy access to battery terminals.
- Flexible Probe Head with rotating tips and locking position guides.
- Provides a solid connection for most applications where the battery terminals are hard to reach.
- Recommended for terminal posts of 0.50" diameter or greater.
- Two Poles - Length 14" ( 356 mm) each. Probe Head - Length 6" (152 mm).



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### Accessory Cable Set - Non Kelvin Probes (8600-0010)



- (1) Voltage Probes - Length 5" (127 mm) (Red and Black) used with Meter Inputs (COM and V) rated at 300V CAT III. These Probes mate with the Extension Cables and other accessory cable items.
- (2) Extension Cables (Red and Black) used to extend many of the accessory cable items. Length 5 feet (1.52 m).
- (3) Insulated Oscilloscope Probe (10:1), 200MHz, 600V CAT III, 1000V, CAT II. Probe takes four different tips (Item 4) that will mate with other accessory cable items.
- (4) Four Oscilloscope Probe Tips. Jaw Opening: 0.75" (19 mm).
- (5) Oscilloscope Probe Ground Cable Extender. Length - 24" (610 mm). This cable interfaces with other accessory cable items and is used for extending the ground connection.
- (6) Oscilloscope Probe Ground Cable with miniature alligator clip. Length - 13" (330 mm).
- (7) Grabbing-Jaw-Style Clip. This connector mate with the Extension Cables and other accessory cable items. Jaw Opening: 0.75" (19 mm).
- (8) Large Alligator-Style Clips. These clips mate with the Extension Cables. Jaw Opening: 1.06" (30 mm).
- Accessory Cable Set comes as a complete set. Items are not sold separately.



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ElectroChemical Battery Analyzer - Kelvin Probe Options

### Kelvin Clips - Mini (8600-0016)



- Use for batteries with very small terminal posts.
- Insulated rubber handles.
- One set of two miniature Kelvin Clips with 2-foot-long (610 mm) cable assembly.
- Provides a solid connection for most applications where the battery terminals are very small.
- Recommended for terminal post diameters less than 0.25" (6.4) mm.
- Clip Length 2.8" (71 mm).
- Gold-Plated Jaws.

## GLOBAL ENERGY INNOVATIONS

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Global Energy Innovations is a global, electrochemical diagnostic software and instrumentation company. Leading companies around the world are advancing their business in rapid battery test, reporting and management through the benefits of the EC1000™ and EC2000™.

Contact Global Energy Innovations or visit our website for more information.