




## TEST STATIONS

## 1.9.4



### Type T-1 & T-3

<p>Manufactured by Tinker &amp; Rasor, these convenient aboveground CP Test Stations are ideal for quick access by field personnel when monitoring electrical currents and potentials on buried pipelines, cables or other metallic structures.</p>	 <p><b>T-1</b></p>
<p>The Models T-1 and T-3 are injection molded using Lexan<sup>®</sup> polycarbonate plastics to ensure maximum strength and UV protection to guard against failure due to prolonged exposure to sunlight. The Tinker &amp; Rasor T-1 and T-3 are designed to survive in harsh climatic environments worldwide and come with a limited 25-year warranty.</p>	 <p><b>T-3</b></p>
<p>These unique test stations are designed for easy installation on either new or existing risers and require no tools. Other features include our exclusive “Supergrip Top” (shown at right), making it easy to open the Test Station while wearing gloves, and the “Anti-spin” gasket, which prevents the possibility of the test stations “spinning” on the riser.</p>	 <p><b>Supergrip Top</b></p>

**Test Stations Continued.....****1.9.4****Options & Accessories for Model T-3 Test Station****T-3:**

An exploded view of the Model T-3 Test Station shows an Orange "Top Hat" cover, the standard, clear, 11-hole terminal (Standard configuration includes 5 binding posts.), an Orange riser pipe and the Tinker & Razor Earthlock system. Binding posts and set screw, shown below in detail, are made of brass and nickel-plated to prevent corrosion. The set screw requires a standard slot-type screwdriver. [Binding post](#) will accommodate up to size 6-gauge wire.

**T-3 Terminal:**




The Model T-3 CP Test Station Terminal has been improved with a cutout in the bottom of the terminal, allowing a half-cell reference electrode to be put down the riser pipe to get potential readings when surrounding ground cover is not convenient for taking pipe-to-soil potentials.




**Test Stations Continued.....****1.9.4**

<p><b>Flange Adapter:</b>  The Tinker &amp; Razor Flange Adapter, shown at right, fits the Model T-3 Test Station. The Flange Adapter has electrical knock-outs, shown at left in detail, that allow easy pass-through of wires. No drilling in the field required. Tinker &amp; Razor T-3 terminals are made from Lexan<sup>®</sup>, a clear polycarbonate injection molded plastic, allowing for easy viewing through the terminal to terminal points. This safety measure allows clear vision to the other side of the terminal so that your field personnel are not blindly reaching their hands into “hot” areas on the terminal. The Model T-3 can be custom configured to the specifications of the customer. Below are examples of custom work and accessories that we offer.</p>	
<p><b>D-TS:</b>  The Model D-TS allows a convenient connection to structures for potential readings. The digital voltmeter is built-in and a quick button push gives potential readings when combined with a half-cell reference electrode. The Model D-TS comes ready to use, with 9v battery included. (Battery life approx. 1 year) Analog version (A-TS) available, no battery required.</p>	
<p><b>RB-TS:</b>  This example of the T-3 CP Test Station shows a Shunt and slide resistor connected to the Terminal Board. Both shunts, slide resistors and other accessories are available as optional accessories to any Model T-3 CP Test Station purchase.</p>	
<p><b>Lightening Arrestor:</b>  The Tinker &amp; Razor Lightning Arrestor is shown, above, fits the Model T-3 11-hole terminal. This is an example of the custom configurations we have made for customers.</p>	

**Test Stations Continued****1.9.4**

<p>Tinker &amp; Razor Shunts are available in three sizes:</p> <ul style="list-style-type: none"><li>• Orange, 0.001 Ohm, 25 Amp capacity</li><li>• Yellow, 0.01 Ohm, 8 Amp Capacity</li><li>• Red, 0.1 Ohm, 2 Amp capacity</li></ul>	
<p>T-1 and T-3 Adapters allow retrofitting of Tinker &amp; Razor test stations on existing riser pipe of varying sizes. Choose from these sizes:</p> <ul style="list-style-type: none"><li>• T-3 Adapter, 3.5" to 2.6"</li><li>• T-3 Adapter, 3.5" to 1.6"</li><li>• T-1 Adapter, 1.6" to 1"</li></ul>	
<p>The Tinker &amp; Razor Shock Guard fits the Model T-3 "Top Hat" test station. The Shock Guard fits on one side of the test station terminal, keeping field personnel and others away from wire connections. The Tinker &amp; Razor Shock Guard minimizes the risk of electrocution, and meets NACE Standard RP-01-77/4.4.4 when used with non-metallic Tinker &amp; Razor Banana Plugs.</p> <p><b>**NOTE:</b> Shock guard is <b>CLEAR</b>, not opaque.</p>	

**Test Stations Continued****1.9.4**

<p>The Tinker &amp; Rasor Model T-3 Test Station comes with standard rapid wire connection Binding Posts, as seen at right, below. There are other kinds of terminal connectors available, including Banana Plugs, as seen at right, above, with an exploded view of the Shock Guard. Terminal Connectors available include:</p> <ul style="list-style-type: none"><li>• Standard Binding Posts</li><li>• Non-metallic Banana Plugs</li><li>• 18-8 Stainless Steel 1/4 x 20</li><li>• Non-metallic 5-way Binding posts</li><li>• and many more...</li></ul>	
<p>"Anti-Spin" Gaskets are available for all Tinker &amp; Rasor Test Station models. The "Anti-Spin" gasket does just that, it keeps the terminal from spinning on the riser pipe. This prevents the test station from spinning or sliding off the riser and allows superior tightening of the terminal nut.</p>	