

## PROOF PLANE MODEL N-135

The WINSKO Model N-135 Proof Plane is used to transfer electrostatic charge from one body to another, or to remove a small amount of charge from a larger body and to then evaluate it with an electroscope. Our design features a metallized sphere measuring 3.8cm in diameter mounted on an 18cm acrylic rod. A spherical shape is used because this geometry holds the greatest charge and retains it for the longest time.

To demonstrate, you can touch the sphere of the Proof Plane to the *inside* of a charged Hollow Sphere (WINSKO Model N-121) and then bring it near an electroscope to show that no charge is present. Conversely, the Proof Plane can be touched to the *outside* of the charged Hollow Sphere and then brought near the electroscope to show that a charge has been transferred to the Proof Plane.

The sphere of the Proof Plane is sturdy plastic with a thin metal coating which can be damaged by rough handling and touching. Keep the unit stored in its box when not in use. Do not try to clean the surface except with a cotton-tipped swab and film cleaner, or just plain mild soap and water. Do not immerse in water.

Please refer to our printed instructions included with the WINSKO N-100V Van de Graaff Electrostatic Generator for descriptions of additional demonstrations. Or, WINSKO now offers a DVD (catalog N-158) featuring video demonstrations and descriptions of our full line of N-100V Van de Graaff Generator accessories. This DVD, as well as the full line of all WINSKO products, may be purchased directly from WINSKO via phone or fax, or through our website at [www.winsco.com](http://www.winsco.com).

