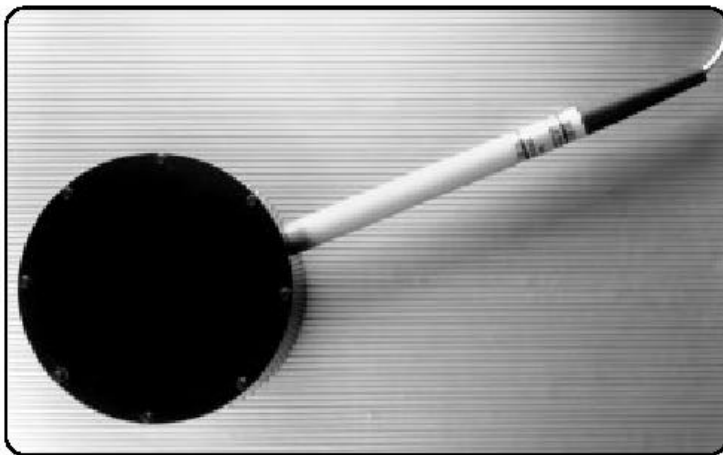




## **Victoreen Model 6000-532B Scatter Ion Chamber**



### **INTRODUCTION**

The Victoreen Model 6000-532B Scatter Ion Chamber is a 400 cm<sup>3</sup> model designed to measure diagnostic X-ray scattered radiation. Its high sensitivity and good low energy characteristics make it an excellent choice for survey applications. The ion chamber assembly consists of an ionization chamber with a 100 cm<sup>2</sup> window, a rigid stem handle, and a 10 foot cable.

### **APPLICATIONS**

The Victoreen Model 6000-532B Scatter Ion Chamber is specifically designed to be used with the NEROTM Series for measuring scattered radiation. It can also be used with any properly configured commercially available charge or current measuring electrometer. This permits the user to minimize the number of instruments required during a typical survey. There are two different cable terminations available: a coax BNC with a banana plug (Model 6000-532B), or a triax BNC (Model 6000-532) for use with Model 530 and Model 35040 Electrometers. The chamber also includes a built-in handle.

Scatter measurements for diagnostic X-ray machines from 45 to 660 keV  
100 cm<sup>2</sup> phenolic window chamber

## **FEATURES**

- The Model 6000-532B Scatter Ion Chamber marries with the NERO™ series of X-ray test devices eliminating the need for a separate electrometer or readout device
- The 6000-532 Scatter Ion Chamber marries with the Model 530 and 35040 Electrometers or other electrometers with triax BNC termination

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