

## 1B45 Spark Gap Radar Modulator



This is a high-power spark gap for use in radar modulators. It derives from the Westinghouse prototype WX3240 developed during WWII. Large aluminum cathode with internal anode rod. Tube is to be operated in vertical position with cathode aperture downward. Design of electrodes allows the deposition of aluminum sputtered by the cathode surface to deposit mostly on anode rod, so to preserve the radius ratio of electrodes through the operative life.

100 to 450A pulse current capability, up to 2000 pps, series 15KV breakdown voltage. 150mm H<sub>2</sub> internal pressure. Data in the [RMA 470](#) registration record.