

## CV8563 – Hydrogen Thyatron



Click on the image to enlarge.

Large hydrogen thyatron tetrode intended for radar pulse modulator applications or even for use as protective crowbar. The image at extreme right shows details of its electrode structure. The large block with fins in the lower half and top mesh is the control grid, G1, which entirely surrounds the plate dish, the highest ring visible through the mesh. Cathode and grid #2 connections are made respectively by the lower and the higher ceramic feed-through insulators

Va 25 kV, Ia 1000 A peak. 12.5 MW peak output power.

15 kA max single pulse when used as crowbar.

Heater 6.3V, 22A. Large 55F base.

EEV commercial code [CX1140](#).