

CV2158 - Hydrogen-Filled Thyatron



- Click to enlarge.

This huge hydrogen thyatron was capable of operating at 14 kV peak anode voltage and switching 400 A peak. The glass envelope is 273 mm high, plus the flying leads from the bottom.

1000 p.p.s. repetition rate. Forced-air cooling required at maximum ratings.

2.5 V filament voltage at 38 A, including supply of the built-in hydrogen reservoir.

Data and even the application circuit can be found [here](#).