

CAM3 cooled anode modulator triode

This valve measures 700x170mm overall (68mm across the glass). The anode measures 350x50mm.

This is a liquid cooled anode triode suitable for use as a modulator. For water cooling a flow of 3 to 4 gallons per minute is required. The filament seals also require air cooling. See also <u>CAT3</u>

| Filament voltage | 17.0V |
|----------------------------------|---------------------------|
| Filament current | 70A approx |
| Max anode voltage * | 12kV |
| Max continuous anode dissipation | 12kW |
| Total emission | 3 to 7A at 90% saturation |
| Amplification factor ** | 6.5 |
| Anode impedance ** | 1k ohms |

^{*: 10}kV max when used in an amplifier to modulate high frequency currents

^{**:} At Va=11kV, Vg=-1500

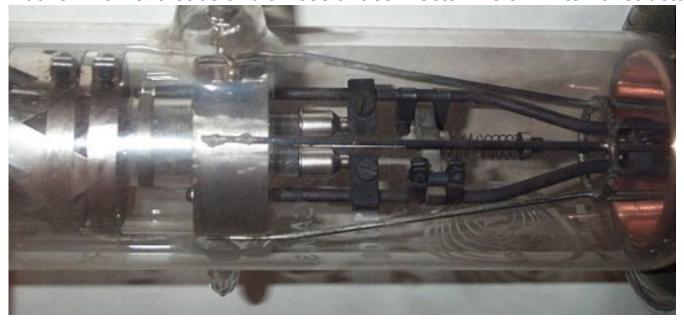


Markings indicate this valve has been repaired. Additionally, markings indicate that a filament voltage of 17.8V gives 7A emission at 90% saturation. The serial number is 1308.





Above: Filament leads and air coolant connector. Below: Internal structure



This file was last modified15:25:05, Tuesday September 02, 2014