

5C22 – Hydrogen Thyatron



Hydrogen thyatron, 16 kV, 200mA average, 325 A peak. Used in radar modulators. Hydrogen reservoir in the small horizontal cylinder visible near to the glass press.

Heater operates at 6V; current drain is 10.6A, including the hydrogen dispenser operation.

This sample was built by Italian Elsi, Elettronica Sicula, under Raytheon licence. Later Elsi production line was fully qualified and tubes carried the Raytheon marking.

[5C22](#) was registered to Sylvania in May 1946. Superseded since February 1955 by [5C22A](#) with improved time jitter characteristics.

