

5948 – Hydrogen Thyatron



High-power hydrogen thyatron, intended for radar pulse modulators. The tube is capable of handling 12 kW average power and more than 12 megawatt peak. Anode voltage 25 kV, I_a 30A peak repetitive pulses. 5 flying wires from the base plus top cap on a glass stem.

Also available in B and C versions with ceramic and modified glass envelopes.

The tube has a built-in hydrogen reservoir capsule filled with titanium hydride, visible in the fourth picture above, which draws 11 A at 2.5 to 5.5V.

Registered to Khute Labs. in January 1955. Data in the RMA record [1409](#).