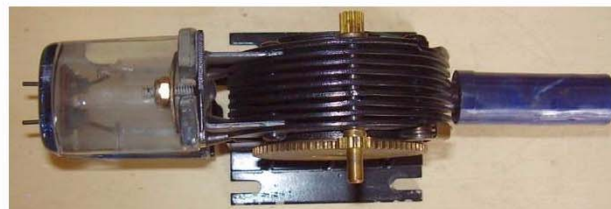
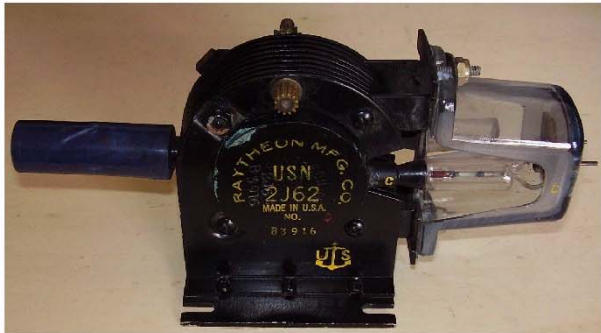


2J62 / 2J62A – S-Band Tunable Magnetron, 1945

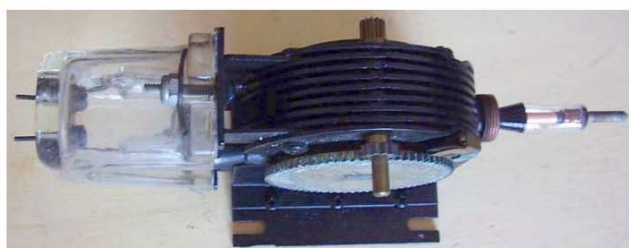


S-band tunable magnetron. Forced air cooling required. External magnet, coaxial out. Tunes from 2914 to 3010 MHz.

10.2 kV, 12.5 A. $1\mu\text{s}$ input pulse, 35 kW peak output power typical.

6.3V, 1.5A heater.

Designed by Raytheon to replace a group of [706](#), fixed frequency family, 706DY to 706GY.



Here a specimen of the improved 2J62A, ruggedized version of 2J62, fully interchangeable with this. Data in the RMA registration record [445](#).

More information on magnetrons can be found in the article [‘Magnetron Tubes’](#) edited by Emilio Ciardiello.