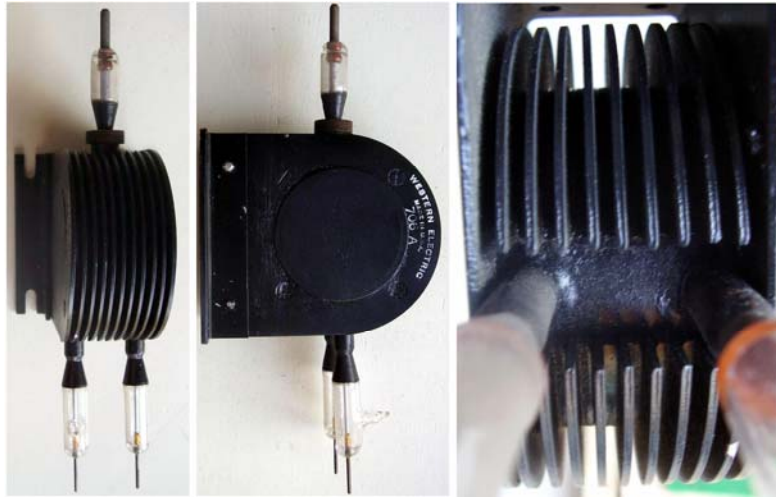


706 Series – Fixed Frequency Magnetron Family



706A to C was the early unstrapped 10 cm magnetron family designed by Bell and produced by Western Electric. It was directly derived from the British E1189 brought by the Tizard Mission in 1940. The family required forced air cooling and external magnet. With 22 kV and 22 A input pulses, 706 magnetrons delivered about 25 kW output pulses in the range 2914-3100 MHz. Coaxial output connector.

Later strapped versions, 706AY to GY, could deliver about 200 kW output pulses.

1.5 A at 6.9 V heater.

Raytheon and Westinghouse second sourced this family. The collection includes samples from these manufacturers in addition to the ones made by Western Electric.



