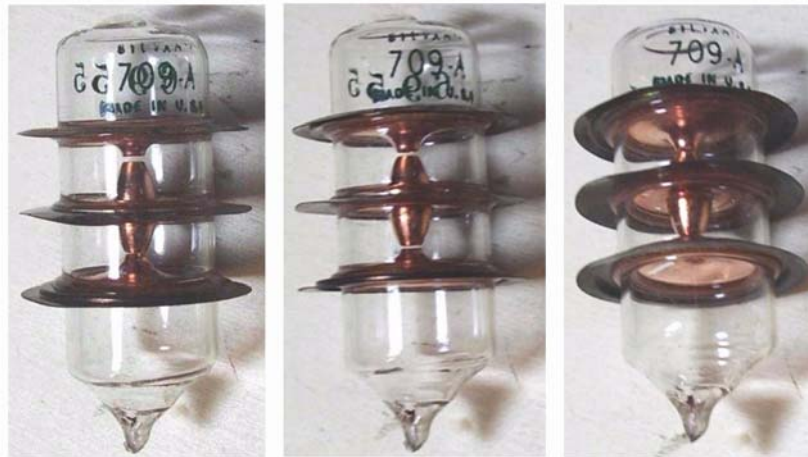


## 709A – TR Switch



Three electrode twin TR switch. Its development at Bell Telephone Laboratories was more or less parallel to the development of the 'Soft Sutton' TR in England. As in England, the resonating gaps were directly derived from those of existing or experimental linear klystrons. Below the resonators of a [402A](#) linear klystron are shown near to those of a 709A TR. Actually the 709A was derived from a 712A, never gone in production. Manufactured by WE and Sylvania. Used in BC-640A and in some US Navy radars. The development of this device, derived from the resonating electrodes of a linear klystron in a water vapor atmosphere, is described in the [BSTJ, volume 25, issue 1, January 1946](#).

