

BX-1000 / 6710 – Beam-X Trochotron Counter



First of 'Beam-X Switch' family from Burroughs. To reduce the size of the previous beam switch tubes, Burroughs moved the magnetic source inside the electrode structure. 10 small magnets were mounted into the tube, one for each counting position also acting as targets. Glass envelope with 27 pin base over two rows, no magnetic shield.

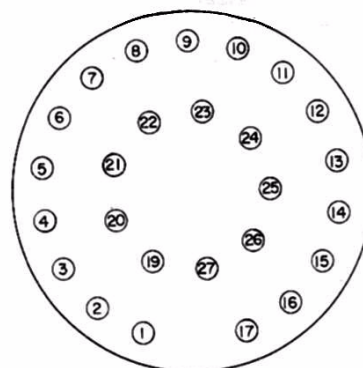
2 MHz counting speed, 2.7mA target current.

0.15A at 6.3V heater.

BX-1000 was registered to Burroughs in August 1961 as 6710. Data available in the RMA record [3393](#).

PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Spade-0	14	Spade-2
2	Target-9	15	Target-1
3	Target-8	16	Grid Even
4	Grid Odd	17	Target-0
5	Target-7	19	Spade-9
6	Spade-7	20	Spade-8
7	Target-6	21	Heater
8	Target-5	22	Spade-6
9	Spade-5	23	Spade-4
10	Target-4	24	Spade-3
11	Shield Grid	25	Heater
12	Target-3	26	Spade-1
13	Target-2	27	Cathode

1. TUBE CONNECTION TABLE



2. PIN NUMBERING DIAGRAM
BOTTOM VIEW



- Click on the image to enlarge.