

# Dieter's Nixie Tube Data Archive

This file is a part of Dieter's Nixie- and display tubes data archive

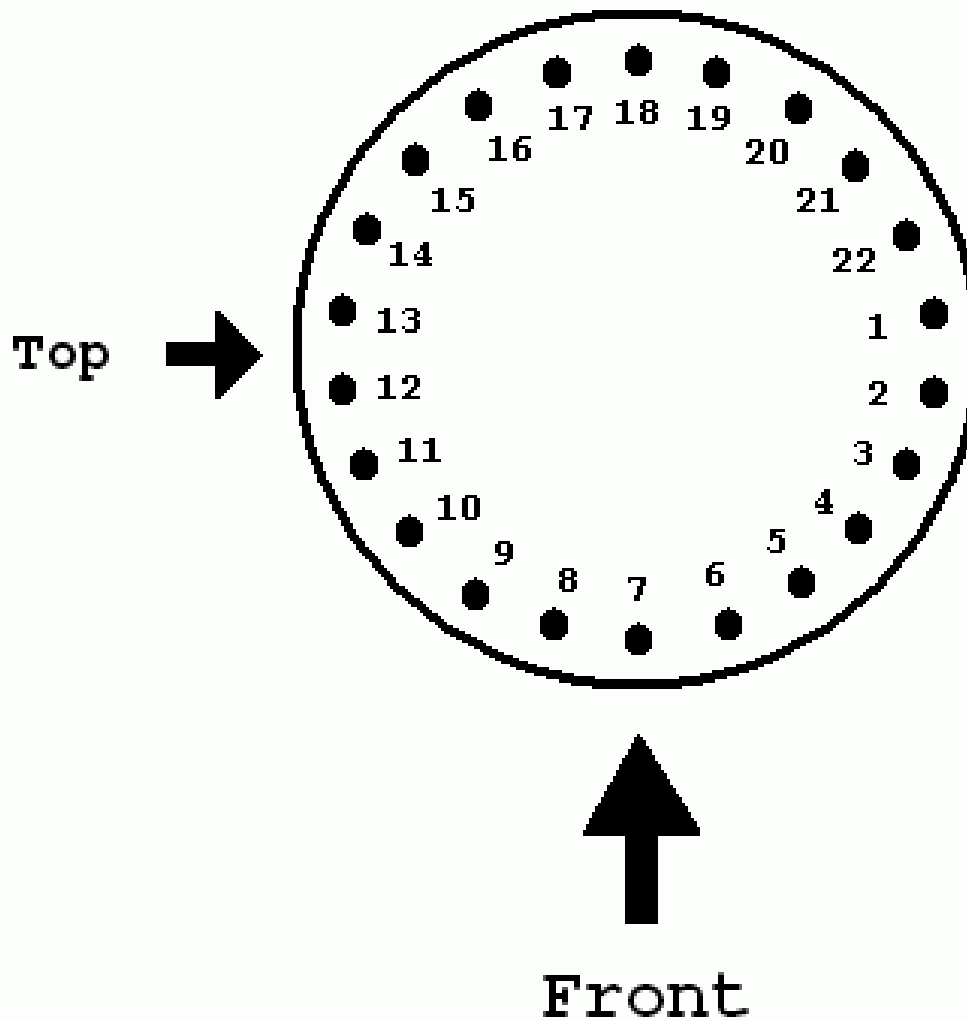
If you have more datasheets, articles, books, pictures or other information about Nixie tubes or other display devices please let me know.

Thank you!

Document in this file	Reflector (Sovtek) - IV-18 (ИБ-18) A collection of different self made data
Display devices in this document	IV-18 (ИБ-18)

# IW-18

Right view



- |                        |                         |
|------------------------|-------------------------|
| 1= Filament (5V)       | 13= Filament            |
| 2= Decimal Point anode | 14= Digit9 grid (left)  |
| 3= Segment d anode     | 15= Digit1 grid (right) |
| 4= Segment c anode     | 16= Digit3 grid         |
| 5= Segment e anode     | 17= Digit5 grid         |
| 6= Not connected       | 18= Digit8 grid         |
| 7= Not connected       | 19= Digit7 grid         |
| 8= Not connected       | 20= Digit6 grid         |
| 9= Segment g anode     | 21= Digit4 grid         |
| 10= Segment b anode    | 22= Digit2 grid         |
| 11= Segment f anode    |                         |
| 12= Segment a anode    |                         |

#### **IV-18 specs:**

Brightness: 400 kd/m<sup>2</sup>

Filament voltage (U<sub>f</sub>): 5V

Filament current (I<sub>f</sub>): 85mA typical (75-95mA)

Anode-Grid voltage: 20-30Vdc

Grid Current: 11 mA

Total segment Current (for one digit): 8 mA

Anode-Grid current (all segments and digits lit): 25-30mA

Digit9 "dot" = DP (decimal point)

Digit9 "-" = Segment G

Other source:

Brightness: 400 kd/m<sup>2</sup>

Glow Current: 85 mA

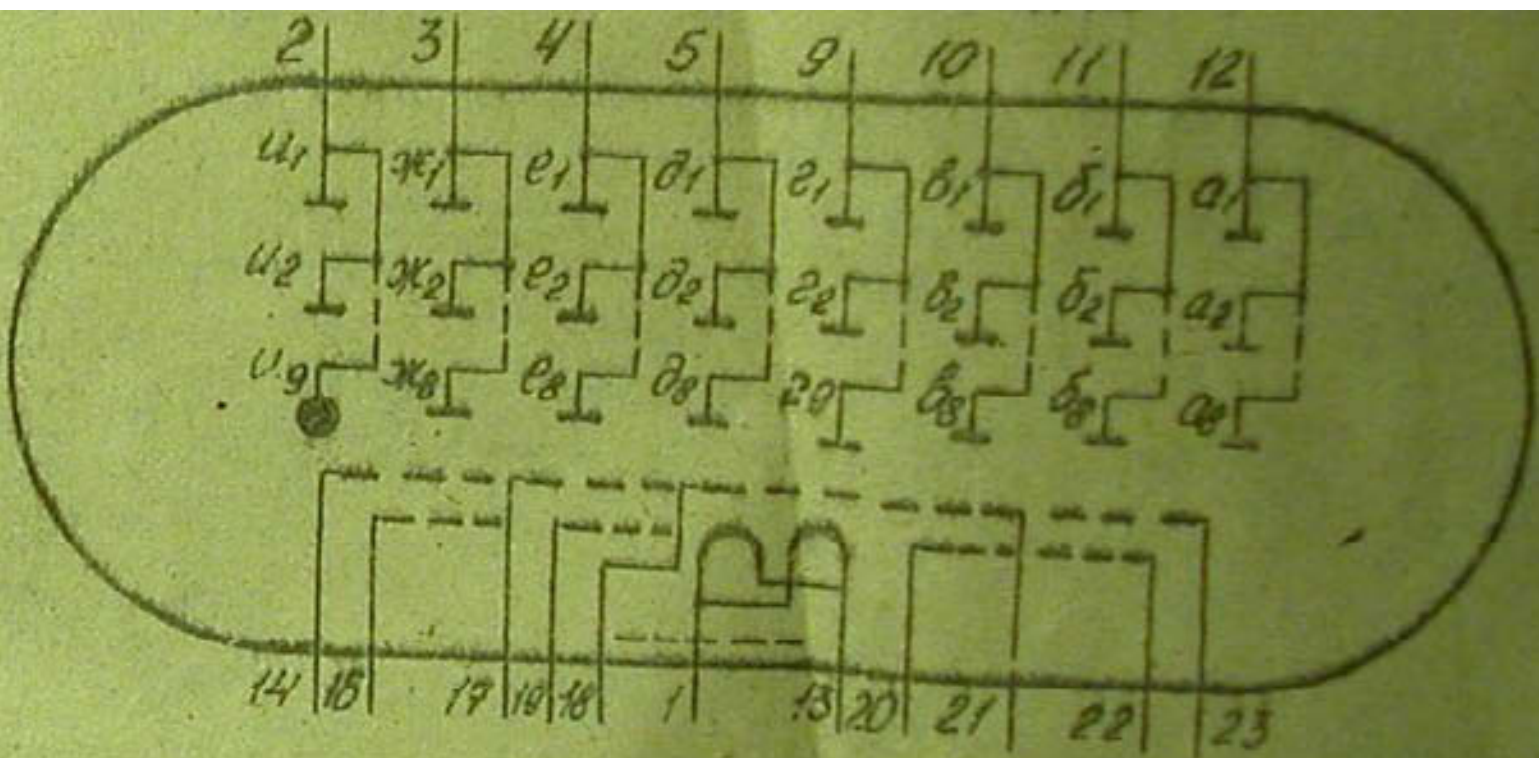
Grid Current: 11 mA

Total segment Current (for one digit): 8 mA

Other source:

Nominal filament voltage: 5V

Filament current @5V: 70-90mA (depending on the tube).



12	A	
10	B	
4	C	
3	D	
5	E	
11	F	
9	G	
2	11	IW-18
15	1	
22	2	
16	3	
21	4	
17	5	
20	6	
19	7	
18	8	
14	9	
1	K0	
13	K1	

**IW-18**

IW-18

