RoeTest – Computer Tube Tester / Tube Measuring System

(c) - Helmut Weigl www.roehrentest.de

Gnom tubes

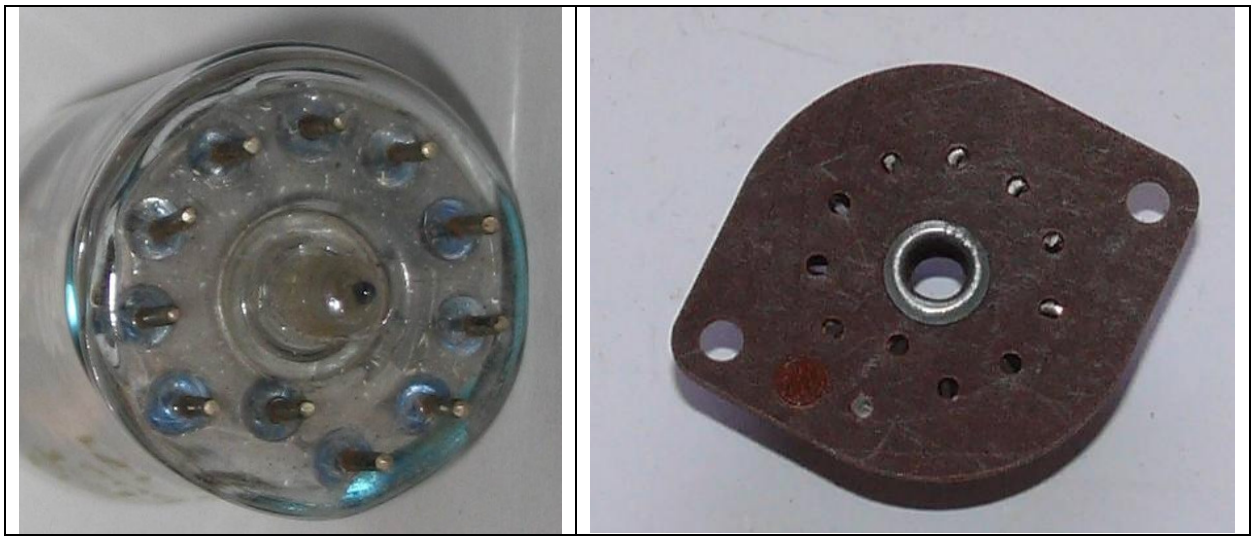
These rare tube types were manufactured in the ex-GDR for a short period. Many information about those tubes is available from the internet. There exist two versions of them:

1. Gnom tubes with 8 pins

These were produced in very small lot size as prototypes only. Even more rare are the corresponding sockets. Connect the middle pin of the tube in the socket box to ground/GND.

2 Gnom tubes with 11 pins

Tubes with this socket were in mass production for a short period and they were used only in a few GDR devices.

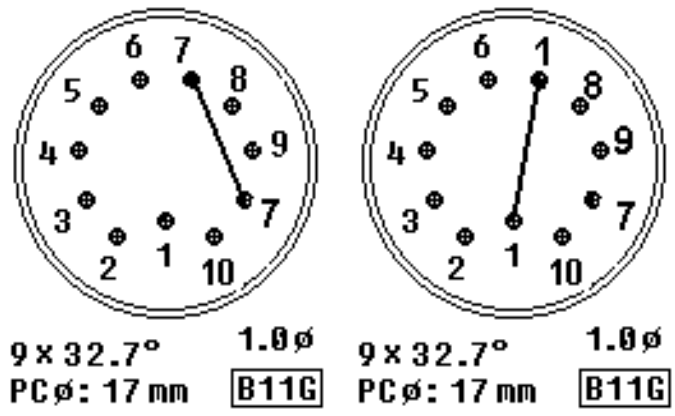


Problem:

Thjs type of Gnom tubes has 11 pins but the RoeTest offers only 10 pins.

Solution:

For measuring simply connect two pins together. In many cases tube pins are unused or several pins are connected to the same electrodes or in the circuit pins are connected anyway (example K and screen) so there is no problem.
The tube pins are assigned in many different ways with gnom tubes.
For this reason two different sockets/adapters are required (ore one socket/adapter with a switch). I have created the following tube base assignment:



B11G B11Gb

The numbering differs from the data sheets (1-11) due to the connection of pins. The pin assignment in the database for gnom tubes is only valid in conjunction with the above tube base pictures.

By the way: There are also adapters used with other tube testers where pins are connected together.

Attention, change since 17.3.2010: The base numbering for tB11Gb has been changed. Now only one pin must be switched using a SPDTswitch. The affected tubes in the database have been adapted to that change.