Double triodes above software version 7.5.0.0.

With the new software small signal double triodes, like the ECCxx, PCCxx, UCCxx and similar types (e.g. 12AX7) can be tested in one step (both tube systems together). This mode gives you the advantage of double speed.

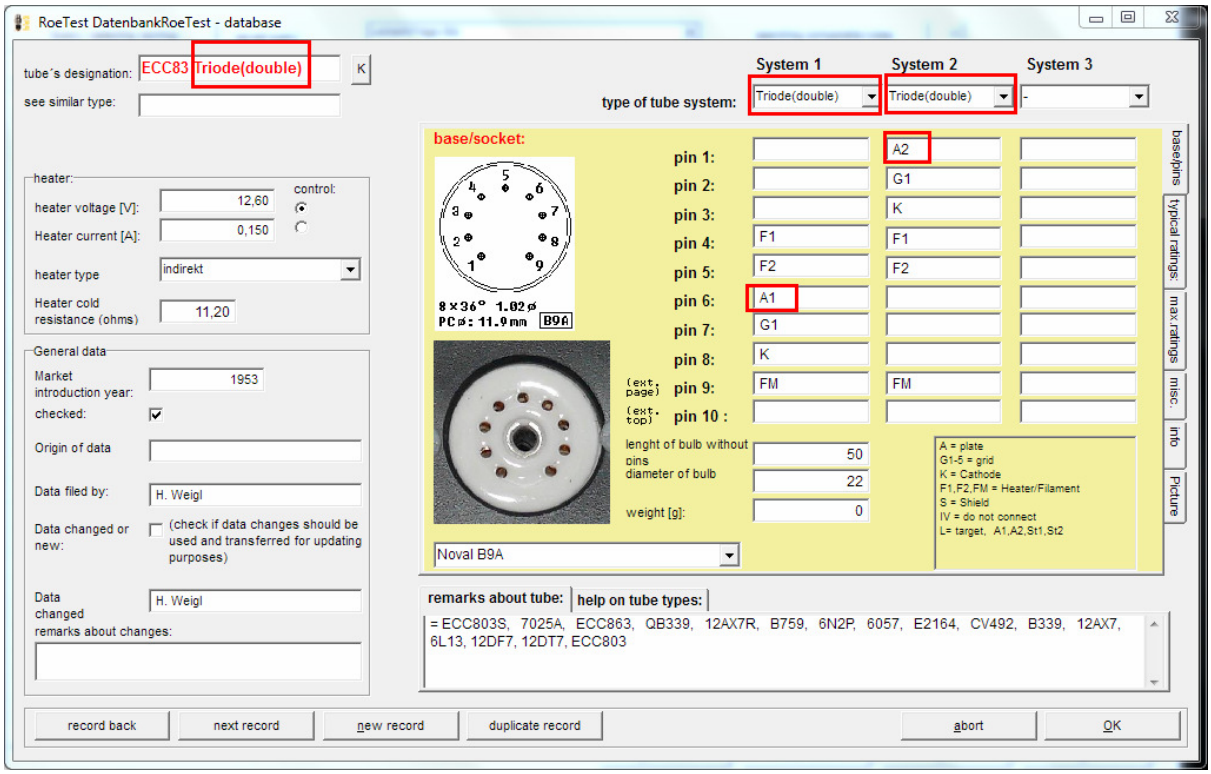
The hardware used is as follows: System 1: Anode/Plate board, System 2: Screen grid board. The screen grid card supplies up to 50 mA. This is sufficient for these tubes.

Almost all kinds of measurements are possible in this mode (heater, short circuit test, anode/plate currents, transconductance, manual mode, curve recording). Only a few tests like Ri and µ are not possible. Mostly you don't need it.

To use the mode for double triodes perform the following steps:

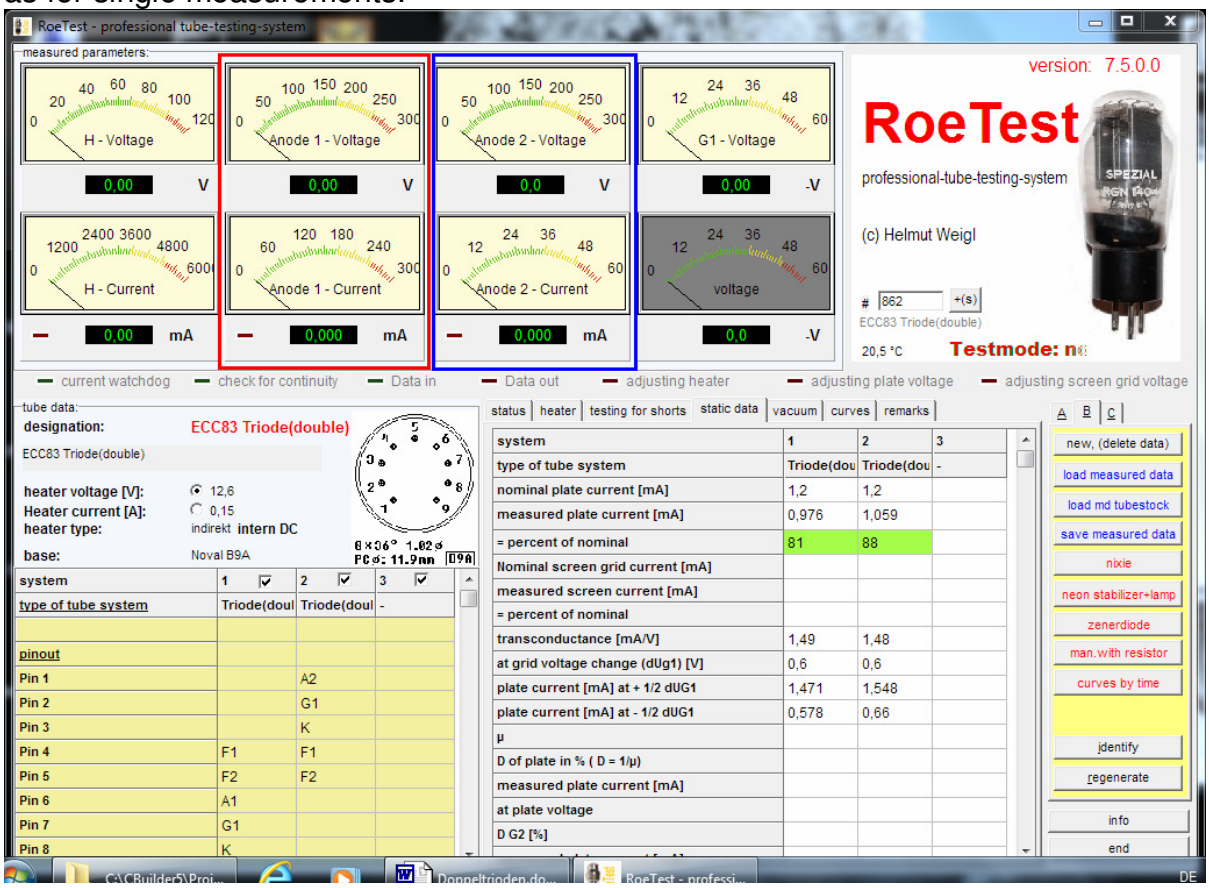
First duplicate an existing data set of a double triode. To distinguish this data set from the other data sets add to **the tube designation the term "Triode(double)".** Then change **the type of the tube systems** for system 1 and system 2 to **"Triode(double)".** Designate the anode/plate of system 1 '**A1**' and the anode/plate of system 2 '**A2**'.

The measurement software then knows that the mode for double triodes is to be used.

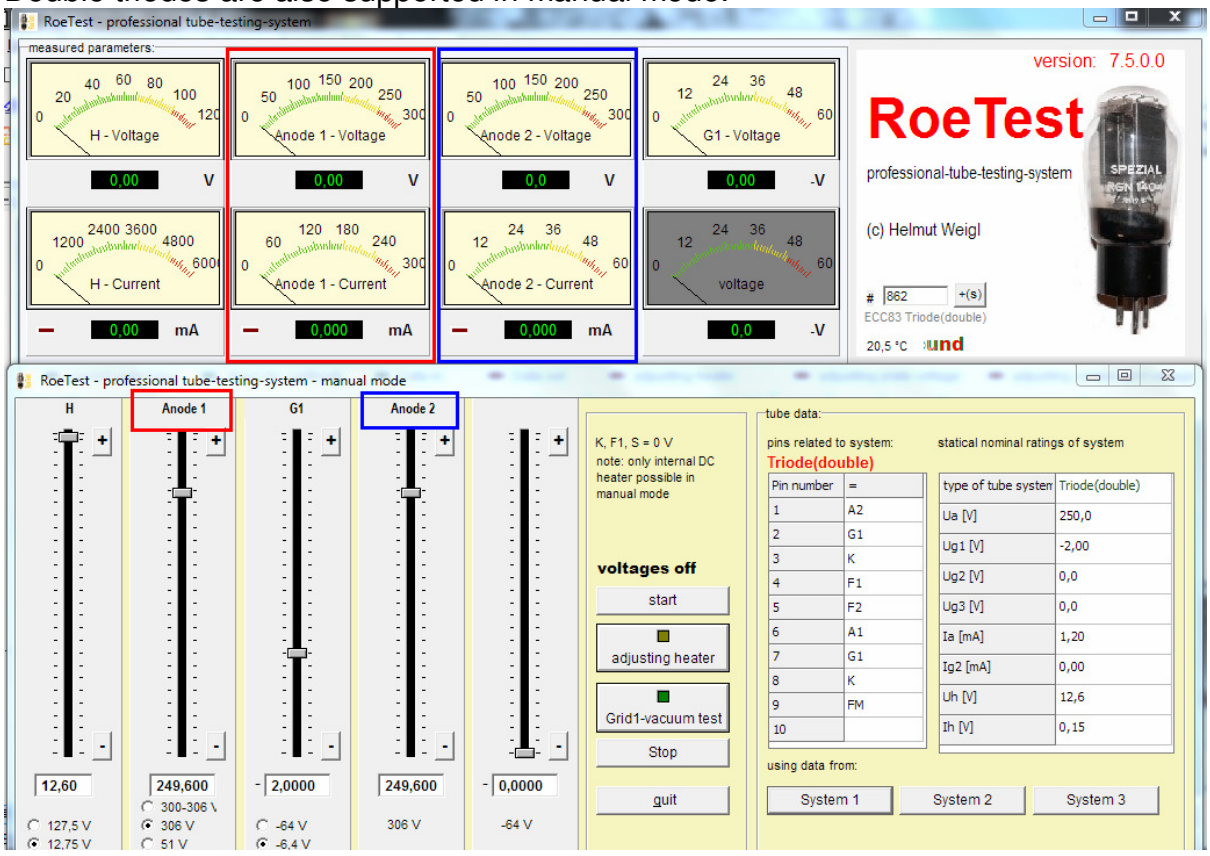


For popular tubes I have already created additional data sets.

In the measurement software you can see anode/plate voltages and currents at the same time side by side (red – blue). The measured data are written to the same grid as used for single measurements. Also the curves are drawn to the same graphics as for single measurements.



Double triodes are also supported in manual mode.



For information the dataset ‘Triode(double)’ from database ‘kind of tube system’: