Database fields

Stand: 12/2008

The database file “RoeTest.dbf” has many fields. For the search mask you must know the meaning of the field names. Below a short explanation:

Field name	Feld description
aAC	System A, voltage increase when simulating AC heating (only required with multiple systems, the automatic control uses ½ of the heater voltage else)
aAMess	System A, anode, measuring voltage
aAnodemaxV	System A, anode, limit voltage
aASoll	System A, anode, nominal current for static measurements
aDurchgriff	System A, nominal reverse amplification factor
aG1Mess	System A, G1, measuring voltage
aG2maxV	System A, G2, limit voltage
aG2Mess	System A, G2, measuring voltage
aG2Soll	System A, G2, nominal current
aG3Mess	System A, G3, measuring voltage
aG4Mess	-
aG5Mess	-
aKatodemaxA	System A, limit cathode current
amaxVerl	System A, limit for anode power dissipation
amaxVerlG2	System A, limit for G2 power dissipation
Anodenstromabbruch	When recording characteristic curves measuring is aborted when exceeding this current
Anzahl	-
aRi	System A, inner restistance
aSteilheit	System A, transconductance
aV	System A, amplification
bAC	see System A
bAMess	
bAnodemaxV	
bASoll	
bDurchgriff	
Bemerkungen	General comments, comparison tube, etc.
bG1Mess	
bG2maxV	
bG2Mess	
bG2Soll	
bG3Mess	
bG4Mess	
bG5Mess	
bKatodemaxA	
bmaxVerl	
bmaxVerlG2	
bRi	
bSteilheit	

bV	
cAC	see system A
cAMess	
cAnodemaxV	
cASoll	
cDurchgriff	
cG1Mess	
cG2maxV	
cG2Mess	
cG2Soll	
cG3Mess	
cG4Mess	
cG5Mess	
cKatodemaxA	
cmaxVerl	
cmaxVerlG2	
cRi	
cSteilheit	
cV	
CV-Nummer	
DatenErfasstDurch	Name up to 20 characters
DatenGeaendertDurch	Name up to 20 characters
G1KennlinieAb	Defines the G1 starting value differing from the automatic
Geaendert	When you change data please mark that field. If you send me your file “roetest.dbf” per email I can combine the changed data with my own data file.
getestet	So marked data sets have been verified to be correct using real measurements
Grenzfrequenz	in MHz
Heizart	direct, indirect, none, ~dirckt (AC current- simulation possible - see optiones)
Heizregelung	Heater automatic control can be done by “voltage” (e.g. E-tubes) or “current” (e.g.. P-tubes)
Heizspannungsbereich	No entry = use automatic with “hi” or “lo” the large (0-127 V) or small (0-12,7V) heater voltage range can manually be selected
Heizstromabbruch	The measuring program determines a value where measuring is aborted when exceeded. The automatic can be switched off when specifying this manual value (when the tube e.g. has a particular high inrush current and measuring could not performed for that reason)
HEIZUNG_A	Heater current mA
HEIZUNG_VO	Heater voltage
Herstelljahr	Date of first production
InternetA	Internet address of the data sheet
InternetB	Another internet address for a data sheet. When left empty, automatically directet to radiomuseum.org and the tube data

	stored there are called (works only if the tube has same description there)
Name	Tube description, optional with additional data. Each data set must have a distinct description! Several data sets may be created for a tube, example EL34 EL34 - 600V-Measurement
RegenerierModus	When starting the regeneration window automatically the selected mode is started.
sa1	Pin assignment system A, pin 1
sa10	
sa2	
sa3	
sa4	
sa5	
sa6	
sa7	
sa8	
sa9	
saArt	System type system A (diode, triode ...)
sb1	same for system B
sb10	
sb2	
sb3	
sb4	
sb5	
sb6	
sb7	
sb8	
sb9	
sbArt	
sc1	Same for system C
sc10	
sc2	
sc3	
sc4	
sc5	
sc6	
sc7	
sc8	
sc9	
scArt	
sieheVergl	Cross reference to a comparable tube, the measuring software automatically jumps to that tube
Sockel	Tube base (reference to base database)
Ufk	Limit filament-cathode voltage

DATENQUELL	Data source
BEMAENDERU	Comment why data have been changed
KALTWIDERS	Cold resistance of the filament
HOEHE	Bulb height (without pins)
DURCHMESSE	Bulb diameter