

Component list:				
	Serial number	components	quantity	note
resistance	1	0Ω	2	Black
	2	4.7Ω	2	Yellow violet black silver brown
	3	33Ω	2	orange orange black coal brown
	4	33Ω	2	orange orange black black brown
	5	470Ω	2	yellow purplish black black brown
	6	1K	1	brown black black brown brown
	7	6.8K	2	blue dark black brown brown
	8	12K	2	Reddish red black red reddish
	9	470K	4	yellow purplish black orange brown
	10	511 SMD resistor	1	has welded on the board
Diodes	11	IN4007	8	
	12	LED (Long)	1	Installed in P1 power port
	13	LED (short)	1	Install the buttom of valve seat
transistor	14	2N5551	2	
	15	2N5401	2	
regulators	16	L7805 + radiator	1	supply power for filament/work high temperature
capacitance	17	104	2	0.1UF/CBB
	18	474	2	0.47UFWIMA(USED,good performance)
	19	105K250	2	1UF output coupling capacitance
	20	330UF/50V	9	
	21	2200UF/25V	1	
Terminals	22	5.08/2P Blue	4	
	23	7.62/2P Green	1	
Tube	24	6N3 Tube	1	
tube Seat	25			
potentiometer	26	100K potentiometer	1	
PCB	27			
Others	28	specification		

1 Every time before starting to preheating approximately 1 minutes, can work normally  
 2 Vacuum tube's filament uses the cocurrent voltage-stabilized source power supply, when the work the radiator has the very high temperature is the normal phenomenon.  
 3 Transformer specification: 12V 15W  
 4 On the board has not labelled the part value C1-C8=50V/220UF\*8