

Circuit Description

The EUT is using the storage capacitor to work. The city electricity half period charge, has nearly 2 time of city electricity peak value sufficiently (approximately 600V), uses electricity for the flashtube L flash, city electricity while for stored energy charge, also to condenser charge, when on electric capacity's voltage achieves bidirectional triggering diode DB3 the break-over voltage, the silicon-controlled rectifier ignition anode obtains the trigger voltage, but the breakdown, the electric capacity obtains the trigger voltage after the ignition anode but breakdown, electric capacity after the DB3 electric discharge, after B1 pressure-rise, triggering flashtube electric discharge flash, silicon-controlled rectifier when city electricity zero crossing shuts off, completes a time frequency to dodge the movement. and the working frequency is 45KHz. Later will carry on process fore-mentioned same. Thus, the frequency presses certain cycle by the lamp not to stop flashes. Adjusts WI to be possible to change electric capacity's charge speed, thus changed has tri