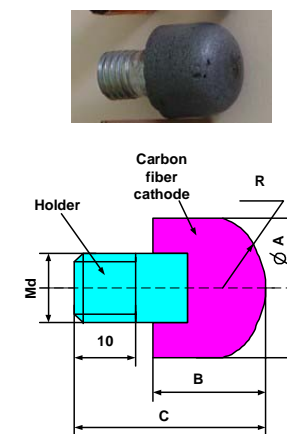
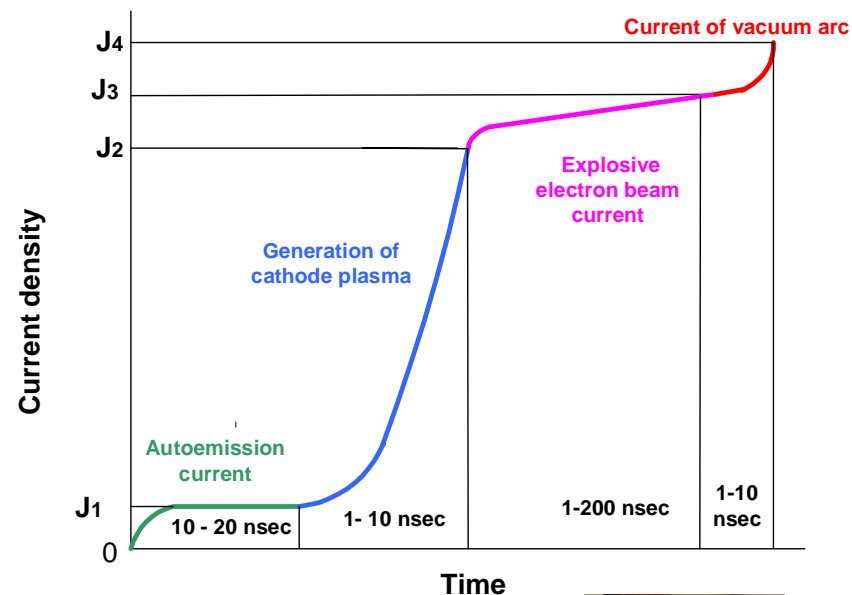
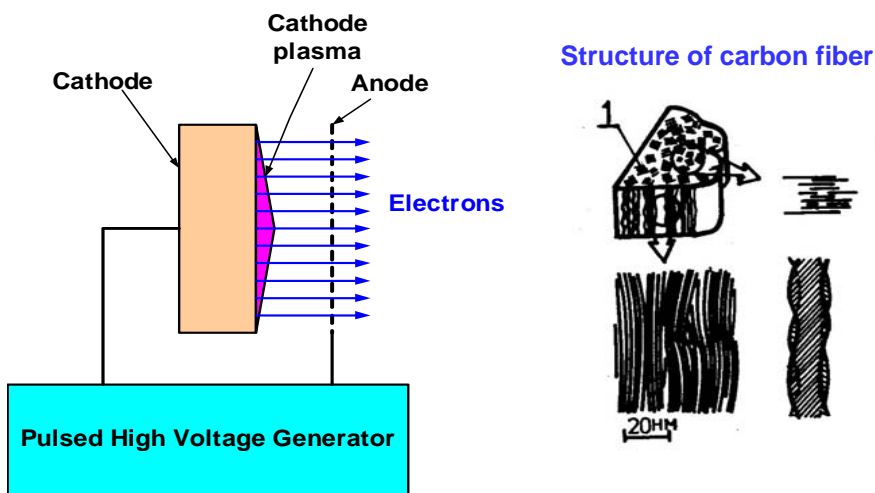


Pulsed Plasma Cathodes

Novel technology based on carbon-fiber materials for pulsed plasma cathodes allows to fabricate effective plasma cathodes for generation of high current pulsed electron beams for electron sources and accelerators.

Principle of work for plasma cathode:



Main parameters:

1. Current density is $0.1 - 1000 \text{ A/cm}^2$;
2. Voltage is $10 - 5000 \text{ kV}$;
3. Diameter is $0.5 - 20 \text{ cm}$.