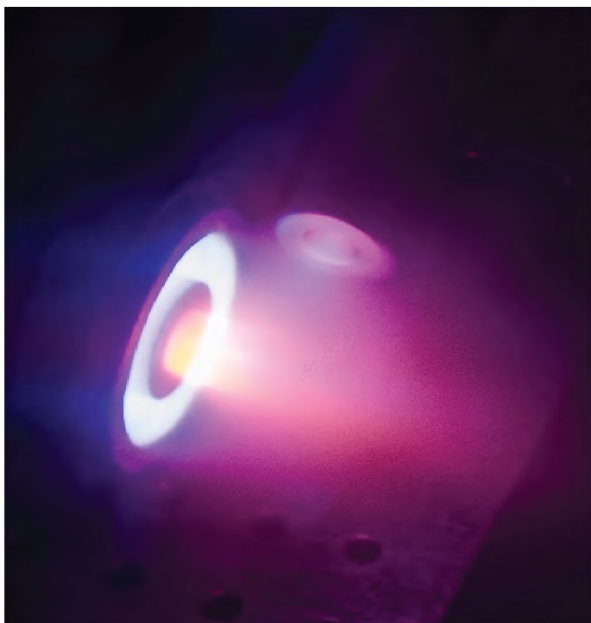
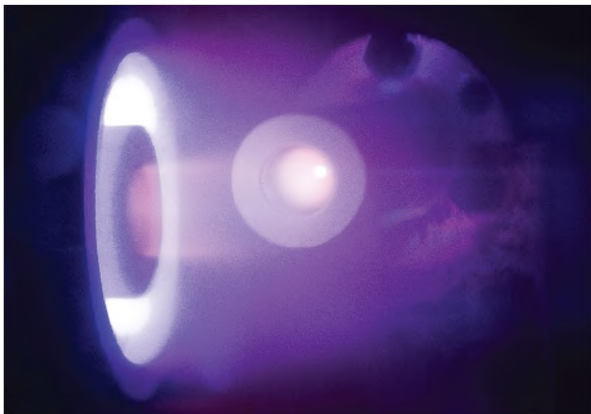




# SPT 20

Xenon plasma thruster SPT 20 is designed for use in the propulsion system for satellites mass up to 150kg to work in Low-Earth Orbit (LEO). At the maximum electric power consumption equal to 150W, Xenon plasma thruster provides a thrust up to 7mN. The propulsion system on basis of SPT 20 can be used in Earth's remote sensing satellites, weather prediction, communication, and others.



## SPECIFICATIONS

Nominal Discharge Power	150 W
Nominal Voltage	100 V
Thrust	7 mN
Specific Impulse	900 s
Propellant	Xenon
Cathode	Cesium
Cathode Location	External
Life-time, h (estimated)	3000 h
Efficiency, %	30 %