



SPT 40

Xenon plasma thruster SPT 40 is designed for use as a part of the propulsion system for satellites mass up to 1t. It is aimed at solving the tasks of orientation and stabilization of the spacecraft in different orbits. The propulsion system provides a thrust of up to 15 mN at a maximum electric power consumption of 380W. The propulsion system that contains SPT 40 can be used on satellites of various purposes.



SPECIFICATIONS

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|--------------------------|----------|
| Nominal Discharge Power | 380 W |
| Nominal Voltage | 200 V |
| Thrust | 15 mN |
| Specific Impulse | 1200 s |
| Propellant | Xenon |
| Cathode | Cesium |
| Cathode Location | External |
| Life-time, h (estimated) | 3000 h |
| Efficiency, % | 35 % |