

# BHT-350

## Hall Effect Thruster

The perfect size for constellations.

**Designed for high volume production.**  
**Exceptional performance and lifetime.**

Built with lessons learned from the BHT-200, the BHT-350 offers a solution that scales for new space applications. The BHT-350 was designed with modern manufacturing methods, and an innovative shell design coupled with precise magnetic lensing makes the BHT-350 the perfect low cost solution for constellations or small satellites.

We designed the BHT-350 for a new era of satellites. Sized for orbit operations and built specifically to minimize part count and assembly time, the BHT-350 perfectly fills the needs of new space for an economical propulsion solution without compromising on performance.



Table: Standard Specifications

<b>Nominal Discharge Power:</b>	300 W	<b>Thruster Mass:</b>	1.7 kg
<b>Throttle Range:</b>	200 W - 600 W	<b>Cathode Mass:</b>	0.2 kg
<b>Nominal Thrust:</b>	17 mN	<b>Demonstrated Impulse:</b>	212 kN-s
<b>Nominal Specific Impulse:</b>	1244 seconds	<b>Predicted Total Impulse:</b>	> 250 kN-s
<b>Propellants:</b>	Xenon, Krypton, Iodine		

Busek provides complete and fully integrated Hall Effect thruster systems that work with the BHT-350, including cathode, power processing unit, digital control unit, and propellant management systems.