



_Georgia College of Tech Engineering Electric Propulsion - Accelerators			
	Electrothermal	Electromagnetic	Electrostatic
Accel. Force	Pressure, $\nabla p$ Electrically heat propellant and use nozzle expansion	Lorentz, $\vec{F}_m$ Magnetic and elec. fields accelerate charged particles	Electrostatic, $\vec{F}_{e}$ Static electric field alone accelerates charged particles
I <sub>sp</sub> (S)	300-1,500	1,000-10,000	2,000-100,000+
Thrust Weight	<10 <sup>-1</sup>	<10 <sup>-4</sup>	<10 <sup>-4</sup> -10 <sup>-6</sup>
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