



# MGTE UM1-1

## SoluNox Micro Gas Turbines for UAVs



Gas turbine engine is an essential power plant in modern day high speed UAS (Unmanned Aerial System) for various applications SOLUNOX had taken an initiative, to indigenously develop our own Gas Turbine Engine (Turbojet) with automatic starting capability.



# SoluNox

Evolution-driven Leadership



## Specifications

Max Thrust	160 N (16 kgs)
Idle RPM	33000
Maximum RPM	115000
Fuel consumption at max. RPM (110,000)	590 ml/min
Fuel consumption at idle RPM	115 ml/min
Specific Fuel Consumption (SFC)	0.178 kg/Nh
Outer Diameter	104 mm
Length (without starter)	230 mm
Max Exhaust Gas Temperature (EGT)	750 to 800°C
Min EGT	520 to 550°C



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