

T70

Scalable propulsion for high-altitude cruise-missile swarms

- Optimised for light cruise missiles or other UAVs
- Lightweight and compact diameter
- High-altitude, pyro and windmilling start capability

MAXIMUM ENGINE
THRUST (ISA)

70 kgf $\pm$ 5%

SPECIFIC FUEL
CONSUMPTION (SFC)

0.031 g/Ns $\pm$ 5%

MAXIMUM
ELECTRICAL POWER
OUTPUT

2000 W

WEIGHT

7.5 kg

Mission

CLASSIFICATION	Turbojet engine
STARTER GENERATOR	Integrated on the main engine shaft
OPERATING CEILING	40,000 ft
MAXIMUM FLIGHT SPEED	Mach 0.95
SERVICE INTERVAL	30 operational hours
EXPORT CLASSIFICATION	9 A101.b under EU Dual-Use Regulation 2021/821

Technical data

MAXIMUM ENGINE ROTATIONAL SPEED	82,000 RPM
LENGTH	360 mm
OUTER DIAMETER	175 mm
WEIGHT	7.5 kg
FUEL TYPES	Jet A-1, JP-8, JP-10
BEARING LUBRICATION	Kerosene/Oil mix 95%/5%



OPERATIONAL ROLE

Destinus T70 is a small low-cost turbojet engine capable of generating 70 kgf of

maximum thrust. Capable of high-altitude startup and of windmilling start.