

Product Name :
Turbojet Trainer With Reheat**Product Code :**
CHINAELABC3790002**Description :**

Turbojet Trainer With Reheat

Technical Specification :

Nett dimensions and weight: 1385 mm (wide) x 1200 mm (depth) x 1721 mm (height) and 260kg

Approximate packed dimensions and weight: 3.8 m3 and 450 kg

Fuel: High-quality aviation kerosene: ASTM D 1655 Jet A or similar

Gas generator turbine:

Maximum continuous speed: Approximately 100000 rev.min⁻¹

Approximate maximum thrust: 50 N

Instruments:

Shaft speed

Pressures

Temperatures

Fuel flow

Thrust

Nozzle area

Fuel flow level and pressure

Oil temperature and pressure

Filter condition

Total hours run

Automatic shut down conditions:

Ignition failure
Incorrect turbine speed
Oil pressure failure
Water supply failure
Incorrect temperatures

Exhaust emissions(typical):

Carbon dioxide (CO₂): 1.8 %– 2.9%

Carbon monoxide, (CO): 240 – 900 ppm

Nitric oxide, (NO): 11 – 26 ppm

Nitrogen dioxide, (NO₂): 0 – 1 ppm

Combination of NO and NO₂, (NO_x): 12 – 26 ppm

Sulphur dioxide, (SO₂): 5 – 6 ppm



Engineering Lab China