

**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 m<sup>3</sup> 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<sup>-1</sup>  
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 (CO<sub>2</sub>): 1.8 %– 2.9%

Carbon monoxide, (CO): 240 – 900 ppm

Nitric oxide, (NO): 11 – 26 ppm

Nitrogen dioxide, (NO<sub>2</sub>): 0 – 1 ppm

Combination of NO and NO<sub>2</sub>, (NO<sub>x</sub>): 12 – 26 ppm

Sulphur dioxide, (SO<sub>2</sub>): 5 – 6 ppm



**Engineering Lab China**