



*The pictures above are for reference only.
The real products purchased should be considered as final.

● Features

The trainer can be used for providing hands-on for the students to attain a good understanding of the operating principles of probes, sensors, pressure and electronic display system.

The Cockpit Instrumentation Trainer includes the fault simulator, which allows the instructor to insert or simulate faults, allowing students to identify and troubleshoot the faults.

● Specification

The cockpit instrumentation trainer comprises the following units :

■ Flight control panel and system

1. Electronic Flight Instrumentation Display, EFIS
2. Engine Monitor System, EMS
3. Three degrees of freedom instrument panel by the control yoke
 - Pitch movement
 - Roll movement
 - Yaw movement

4. Pitot-static system

- Digital pressure indicator
- Control valve
- Pitot tube
- Static port

■ Flight instruments

1. Turn coordinator [for electrical drive DC14V]
2. Directional gyro [for electrical drive DC14V]
3. Attitude indicator/Artificial horizon
4. Airspeed indicator
5. Altimeter
6. Vertical speed indicator

■ Engine components

1. Actual mode
 - Cylinder Head Temperature(CHT) thermocouple
 - Exhaust Gas Temperature(EGT) thermocouple
 - Outside Air Temperature(OAT) sensor

- Fuel pressure sensor
 - Oil pressure sensor
 - Oil temperature sensor
 - Fuel quantity sensor
2. Simulator mode
 3. Throttle control assembly
 4. Warning light
 5. Warning sound

■ Fault simulator panel

- Protection of power distribution(circuit breakers)
- Power : AC220V, 50-60Hz

● Accessories

1. Operation manual
2. Power cord
3. Heat gun 220VAC
4. Pressure tester 0-100PSI



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