

Cockpit Instrumentation Trainer

AT-12001

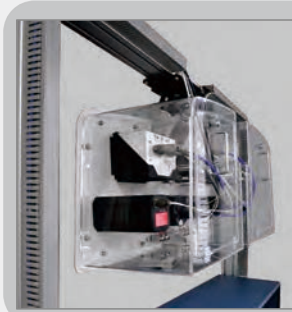


*The pictures above are for reference only.
The real products purchased should be considered as final.

● Features

The trainer provides hands-on training for the students to get a good understanding of the operating principles of probes, sensors, pressure and electronic display system.

The Cockpit Instrumentation Trainer which includes the fault simulator, for allowing the instructor to insert a selected fault or simulate faults, helps students to identify the fault and troubleshoot the problem.



The transparent rear cover of the control panel enables users to observe the wiring and tube connection of the flight instruments.

● Specification

The cockpit instrumentation trainer comprises the following units :

◆ Flight control panel

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

4. Flight instruments

- Turn coordinator (for electrical drive)
- Directional gyro (for electrical drive)
- Attitude indicator / Artificial horizon
- Airspeed indicator
- Altimeter
- Vertical speed indicator

5. Protection of power distribution (circuit breakers)

◆ Pitot-Static System

1. Digital pressure indicator
2. Control valve
3. Pitot tube
4. Static port

◆ 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

- ◆ Power : AC 110V or 220V, 50Hz / 60Hz

● Accessories

1. Operation manual
2. Heat gun (AC 110V or 220V)
3. Pressure tester 0—100PSI



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