



This training set is a fully functional typical aircraft oxygen system.

The external filler valve includes an orifice which restrains the filling rate, and it is protected by a cap so that contamination is prevented when the charging line is not connected.

The pressure regulator in the system adjusts the pressure in the cylinder to an amount that's usable by the masks.

The mask couplings are fitted with restricting orifices to meter the amount of oxygen needed at each mask. A flow indicator that becomes visible when no oxygen is flowing is built into each tube to the mask.

Indicator is pushed out of sight as oxygen begins flowing.

Specifications

Features

- Understanding fundamentals of aircraft Oxygen System and its components.
- Passenger oxygen system
- Pilot oxygen system
- Crew oxygen system
- Passenger Service Unit system
- Auto-Manuel passenger oxygen system activate
- Some of Trainer Functions
 - ECAM functions
 - Seat belt functions
 - PSU reset functions
 - Single chime functions
 - Master caution functions
 - Cabin Altitude functions
 - Master caution functions
 - Passenger mask automatic running test functions
 - Passenger mask automatic running test functions
- Some of Trainer Processes
 - Oxygen filling process
 - Oxygen cylinder removal process
 - Passenger mask reset process
- Protective Breathing Equipment
- Chemical oxygen generator

- System control computer
- Filler point
- Instructor's panel for Fault & simulation Insertion panel (Independent unit)
- Wirings on the trainer are connected via terminals.
- Wires should have clear identification labels for each wire.
- All wires should be coded and labeled for troubleshooting.
- The system mounted on a metal/aluminum mobile stand.
- Metal/aluminum frame with 4 wheels. 2 of 4 wheels are lockable.
- Training video for teachers
- Delivered fully assembled tested and ready to operate
- Colored Ultraviolet printing method on aluminum composite panel

Components

- Control Panel
 - Crew Control illuminated pushbutton
 - Mask manual / auto control guarded sw
 - Passenger status indicator
 - High alt landind guarded illuminated pushbutton
 - Timer reset illuminated pushbutton
 - Aural warning horn
 - Master caution resettable illuminated pushbutton
- 7" inch touchable screen(ECAM)
 - Oxygen pressure indicator
 - Oxygen status indicator
- System control computer box
- DC power unit
- PSU (Passenger Service Unit)
- COG (Cemical Oxygen generator)
- Oxygen Cylinder
- Cylinder Pressure Gauge
- System Pressure sensor
- Pressure Regulator
- Control Valve
- Filler Valve
- Filler coupling

- Pilots' Oxygen Mask
 - Mask door
 - Mask test button
 - Mask status indicator
 - Pressure releasing button
- Crew Portable Oxygen Cylinder
- Passenger's Portable Mask
- Passenger Drop-down masks
- Aircraft circuit breaker
- Aircraft circuit breaker lockout
- LAN output
- Fault & instructor port
- Lockable Fault & instructor box
- Terminals
- MRT
- Storage drawer

Documentation

- User's Manual
- Study Guide
- Instructor's Guide
- Components Diagrams

Power Specs

- Electrical box
- Residual current device
- Emergency Button
- Energy Signal Lamp
- 110 VAC 60 Hz or 220-240 VAC 50 Hz