AirVR

ROBOTIC DOOR TRAINER

AirVR Door Trainer

Real door forces, measured on the aircraft and replayed by a robot inside a VR cabin. Any door, any aircraft, one unit.

SPECIFICATION

FOOTPRINT **6 m²**	ROBOT **Universal Robots UR30**	FORCE LOOP **1,000 Hz, 6-axis**
INPUT **Hand tracking**	WARRANTY **2 years**	SUPPORT RESPONSE **3 business hours**

WHAT IT IS

Cabin crew have to practise every door they will operate, by hand, against the real resistance of the door. A full door trainer does that for one door type, in one place, at a high price. The AirVR Door Trainer does it for any door type, in six square metres at your base.

The trainee wears a headset and sees a digital twin of your galley or exit. Where the handle is in VR, a real handle sits on a Universal Robots UR30. The robot reproduces the forces we measured on the real door, so the trainee feels its weight, its resistance and the point where the mechanism releases.

It runs normal and abnormal operations from one installation, records every session, and is in approved use at Transavia and ITA Airways.

WHY AIRLINES REPLACE MOCK-UPS WITH A ROBOT

Every door type, one unit
Galley doors, overwing exits and the 737 MAX 10 mid-cabin exit, switched in software. A new aircraft type is a new force profile and a new cabin, not a new mock-up.

Six square metres at your base
Available every day in a room you already have, instead of competing for an aircraft or travelling to a full-size trainer.

Train what you cannot stage
Armed and disarmed doors, power-assist failure, a jammed door and external fire, run with or without guidance to match each trainee's experience.

A record of every session
Who trained, when, with which instructor, how many attempts, how long each took and whether it was passed, ready for your LMS and your auditors.

SCENARIOS

`Armed and disarmed` `Power-assist failure` `Jammed door` `External fire` `Guidance on or off`

IN THE CRATE

- Robot and robot controller
- Control PC and hub
- VR headset
- Stationary handle stand
- Control panel

AirVR ApS · CVR 36698535 · Esromgade 15, 3. 2306, 2200 Copenhagen N
sales@airvr.training · +45 26 83 04 83