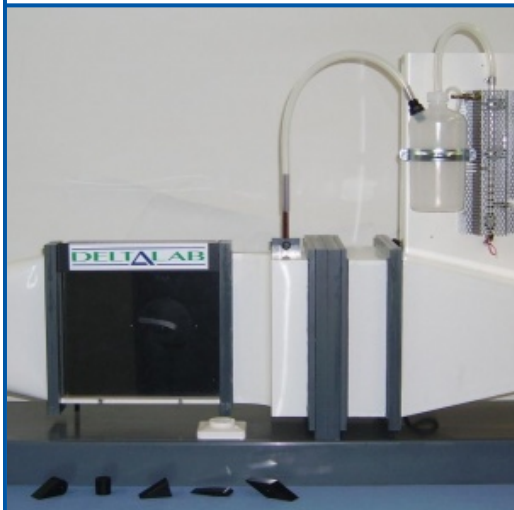


VIEWING BLOWER

REFERENCE : EA40



Non contractual photo

**SERVICE : POWER SUPPLY : 220 V - 50 HZ
HOLE OUTWARD OR WINDOW FOR SMOKE
EVACUATION
DIMENSIONS : 1500 X 300 X 715 MM**

WEIGHT : 75 KG

The EA40 blower allows the study of two-dimensional air flows around different models by using an integrated smoke generator. It provides a stationary flow without turbulence. Compact construction, the blower can be placed on a work plan for practical work sessions, or used in a classroom in front of a group of students.

Technical specifications :

- Aerodynamic wind tunnel combined with a smoke generator. Fan powered by an AC synchronous motor capable of generating a variable speed using a variable speed drive in the vein of tests. Low turbulence rate obtained with 3 screen filters, a honeycomb and a contraction ratio of 9 :
- 1 Test vein with viewing area that can be illuminated by an integrated lamp.
- The models are mounted in the viewing area.
- Visualization system : smoke generator, compact, with 6-tube comb. The injection takes place just before the contraction by heating and atomizing a white oil. The smoke nets are precise and allow to obtain a good visualization of the flow lines that can possibly be photographed.

Equipment provided :

- Set of 6 models (2 wing profiles, 2 cylinders, 2 dihedral)
- Smoke evacuation hose,
- Can of oil for smoke
- Instruction manual