

STREAMLINES VIEWER UNIT

Mod. AXTV/EV



INTRODUCTION

The AXTV/EV tabletop unit has been designed to display streamlines in a low turbulence wind tunnel. It consists of an illuminated transparent test chamber in which the aerodynamic models and the smoke generator are mounted. The unit is supplied with a complete manual describing the components, the installation and use procedures.

TRAINING PROGRAM

- Display laminar current
- Display turbulent current
- Display boundary layer
- Display separation of the boundary layer (stall)
- Visualization of streamlines of a non-aerodynamic body

TECHNICAL SPECIFICATIONS

The unit consists of:

- Bench-top structure
- Centrifugal fan
- Transparent test chamber with lighting system
- Non-toxic fumes generator with diffuser
- Control panel
- Flow regulation system
- Set of 5 aerodynamic models:
 - Symmetrical profile
 - Asymmetric profile
 - Rhomboidal profile
 - Triangular profile
 - Cylindrical profile
- 1 l smoke generator liquid bottle

Power supply: 230 Vac 50 Hz single-phase - 0,5 kVA
(Other voltage and frequency on request)

Dimensions: 1400 x 550 x 500 (h) mm

Net weight: about 40 kg

SUPPLIED WITH

EXPERIMENTAL HANDBOOK

