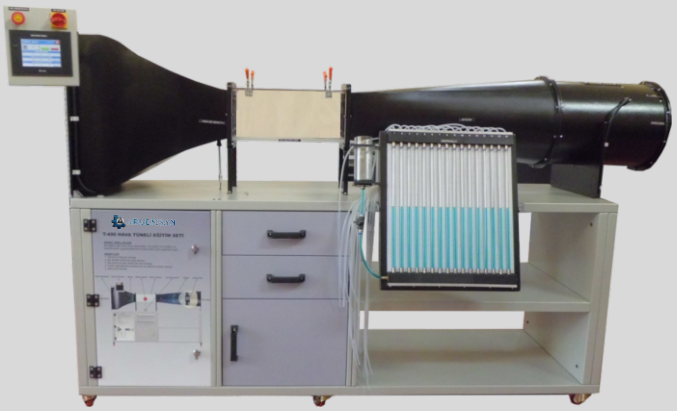
T-490 AIR TUNNEL TRAINING SET



GENERAL EXPLANATION

This training set is designed for use in flow studies and aerodynamic applications.

EXPERIMENTS

1. Air velocity measurement experiment
2. Bernoulli experiment
3. Flow experiment around a cylinder
4. Flow test around a wing pattern
5. Drag and lift effect experiment with different apparatuses

DIMENSIONS

A x B x H : 2500 x 670 x 1250 mm

OPTIONAL FEATURES

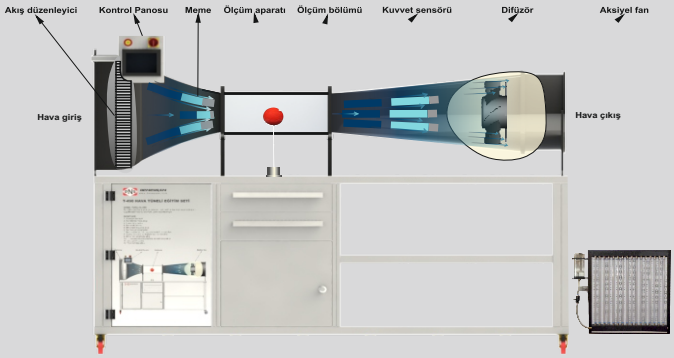
- Touch LCD Display
- USB Computer Connection
- Computer Control

PACKAGE INCLUDED

Device, device cover, 1 printed experiment report, circuit diagram and product catalog

TECHNICAL SPECIFICATION

The T-490 is designed to perform experiments in the field of aerodynamic and fluid mechanics. This is an open-air tunnel. In this type of air tunnels, air is taken from the atmosphere and again given atmosphere. The nozzle part controls the steady distribution of the velocity in the closed measurement area.



TECHNICAL DETAILS

- Air velocity measurement
- Fan speed control
- Large-scale intermediate channels for airflow, aerodynamics and heat transfer experiments
- Open type air tunnel
- Flow regulator
- Transparent measurement section
- Tunnel type axial fan
- Drag and lift force measurement with different apparatuses
- Wing model pressure distribution
- Cylindrical pressure distribution