

**Product Name :**  
Convective Heat Transfer In Air Flow

**Product Code :**  
CHINAELABC3730002



**Description :**

Convective Heat Transfer In Air Flow

**Technical Specification :**

Convective heat transfer in case of forced convection  
Air duct with flow-friendly inlet and windows for observation of tests  
Exchangeable tubular bundles with two different diameters included in the delivery list  
Immersion heater  $\varnothing \sim 10\text{mm}$  or  $\varnothing \sim 13\text{mm}$  insertable at the desired position in the tube bundle  
A ventilation shaft allows free convection tests and the demonstration of the chimney effect  
 $\varnothing \sim 10\text{mm}$  immersion heater insertable into the ventilation shaft  
Immersion heaters protected against overheating  
Adjustable air volume flow  
Mobile pitot tube with pressure measuring device for determining a speed profile in the case of forced convection  
Display of air temperature, heating temperature and heating power