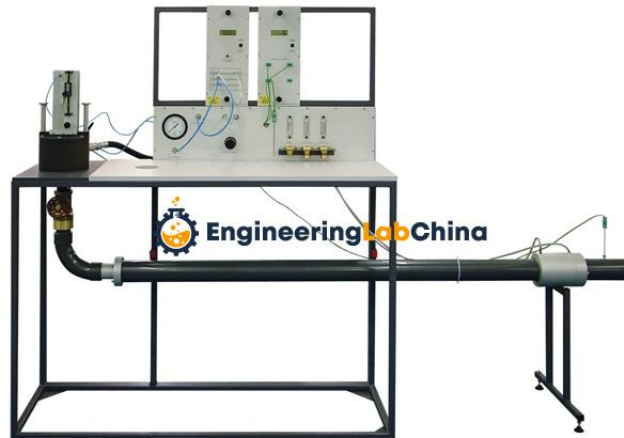


**Product Name :**  
Subsonic Air Nozzle Test Setup

**Product Code :**  
CHINAELABC2630024



**Description :**

Subsonic Air Nozzle Test Setup

**Technical Specification :**

**FEATURES:**

The relationship between pressure ratio and flow for convergent and convergent/divergent Laval nozzles.  
The pressure profile in convergent/divergent nozzles at various pressure ratios.  
The phenomenon of choked flow corresponding to sonic velocity at a nozzle throat  
Investigation of expansion with friction in a parallel passage at high subsonic velocities.  
Boundary layer growth under subsonic and supersonic conditions.

**SPECIFICATION:**

An instrument frame with digital pressure and temperature displays.  
For ease of visibility and for good engineering practice, the analogue gauge also shows pressure in the chest.  
A pressure chest with a removable lid and nozzle traverse mechanism;  
A pressure regulator to maintain the inlet/upstream pressure, with an analogue reference pressure gauge;  
Three interchangeable, profiled and polished brass nozzles with mimics that fit on the traverse mechanism;  
230V, 50Hz, 1 phase  
230V, 60Hz, 1 phase  
120V, 60Hz, 1 phase

---

# Engineering Lab China

