

**Product Name :**  
Thermal Expansion Trainer Panel**Product Code :**  
ELABHTOOLSUK440002 LAB ENGINEERING**Description :**

Thermal Expansion Trainer Panel

**Technical Specification :**

Training panel for investigating the thermal expansion of different pipe sections  
Length of each pipe section 1000mm  
Pipe sections can be selected by ball valves  
Water connections made using quick action hose couplings  
Operation with hot and cold water supplies  
Adjustment of the water temperature using mixing battery with thermocouple  
Temperature measurement using battery-operated digital thermometer  
Force measuring device to determine the expansion force •Pipe section length: 1000mm  
Nominal diameters:  
PVC, PE, Cu: DN15  
Cu: DN8  
Steel: 1/2"  
Mixing battery connection: 1/2"  
Force measuring device:  
Spring rate per spring: 78N/mm  
Total spring rate c: 156N/mm

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**Elab Engineering Equipments Manufacturers**

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