

UTH-02 THERMAL EXPANSION IN LIQUIDS

In this experiment the volumetric expansion coefficients of water and methanol are determined using a volume dilatometer made of glass. An attached riser tube with a known cross-section is used to measure the change in volume.

Digital thermometer is used to measure the container temperature.

The volumetric expansion coefficient any type of liquid as water, ethanol .
...etc , can be found.

