

**TO STUDY FORTIN'S BAROMETER AND  
USE IT TO MEASURE THE  
ATMOSPHERIC PRESSURE  
OMEGA TYPE ES-446**



**OMEGA TYPE ES-446** Experimental Set Up has been designed specifically to study Fortin's Barometer and use it to measure the atmospheric pressure.

The set-up is absolutely self-contained and requires no other apparatus. Practical experience on this set up carries great educative value for Science and Engineering Students.

**OBJECT:-**To Study Fortin's Barometer and Use It to Measure the Atmospheric Pressure

**FEATURES:-**

01. Fortin's Barometer: The Fortin barometer is Mercury is contained in a leather bag at the base of the mercury reservoir, and height, H, of the mercury in the reservoir can be adjusted using the screw at the base of the barometer to depress or release the leather bag. To measure the atmospheric pressure, the screw is adjusted until the pointer at H is just touching the surface of the mercury and the height of the mercury column is then read using the main and vernier scales. The measurement of atmospheric pressure using a Fortin barometer is achieved much more accurately than by using a simple barometer.
02. Beaker 100 ml for fill-up mercury
03. Injection Syringe 5 ml
04. Weight: 2 kg (Approx.)
05. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

**OTHER APPARATUS REQUIRE**

01. Mercury 500 gm

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

**OMEGA ELECTRONICS**