



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

DE-AIRED WATER APPARATUS WITH VACUUM PUMP FOR TRIAXIAL TEST



The equipment has been designed specifically to meet the demand for de-aired water for use with Soil Testing Apparatus for reduction of time and labor to consolidate soil samples. For simultaneous flushing of many hydraulic Piezometer lines in dams and earth works to considerably reduce labor and disturbance at the top ends. It is particularly important that only de-aired water is used in the Pore Pressure measurement system. Any dissolved air in the water leads to error in measurement of Pore Pressure, particularly at low pressure.

Salient Features :

1. Compact and self contained unit
2. De-airs quickly and efficiently reduce levels of dissolved oxygen, acceptable for geotechnical test methods.
3. Air is removed from the water by a vacuum system.
4. The unit is supplied with Perspex Water Container, which will hold a maximum of 15 Liters of water.
5. Input and output lines are fixed with 6mm (approx.) ID of plastic tubing respectively.
6. Supplied complete with vacuum pump.
7. Suitable for operation on 220 V, 50 Hz, Single phase, AC Supply.

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