

Specifications for Instruments

1. **Video Camera** : Panasonic Handy camera for Video recording
2. **Digital Camera**: Nikon SLR Digital Camera (Exclusively for Photos)
3. **Laptop**: Dell Laptop (8 GB DDR4 RAM, 1000GB Hard disk, 2 GB dedicated AMD Graphics Card, 15.6 inch display, HD Webcam + Dual microphone, SD card reader, Licensed Windows 10 Operating system, Life time Licensed Microsoft office, McAfee Antivirus 15 months subscription)
4. **E. C. Meter (Electrical Conductivity)**: Digital, 3½ Digit LED display with facility for temp. compensation and digital cell constant adjustment along with conductivity cell and other accessories
5. **P. H. Meter**: With temp. Compensation and combination pH electrode. 3 ½ Digital LED Display for pH measurement.
6. **Sieve Shaker (Sediment Analysis)**: Carries upto 7 sieves of 20 cm dia. It is driven by 1/4 H.P. motor. The sieve table does not rotate but is inclined from the vertical axis and the direction of inclination changes progressively in clockwise direction. A pair of rods & a holder are supplied. The holder can be fixed on the top of the upper most sieves & thus the sieve set is firmly held. Suitable for operation on 230 V, 50 cycles single phase A.C. supply. Fitted with timing switch 0-60 mts.
7. **Soil Testing Kit**: Digital, Lab Junction.

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H.O.D.