

Physical lab Requirement 2018

(1) pH meter (Digital):

Specification:

Display: LED

Range solution: 0-14.00 pH

Accuracy: +0.01 pH

Temperature: Compensation: Auto + Manual 0 to 100 °C

(2) Conductometer (Digital):

Specification:

Display: LED

Resolution: 001 MicroS/cm and 0.1 ppm

Range: 0 to 1000 M Mhos/cm

Measuring frequency: 1000Hz

(3) Potentiometer (Digital):

Specification:

Display: LED

Measuring: 0 to 1999 mV operated with Pt or Ag electrode and Hg electrode

4. Glass cubate for Systronics Visiscan 167 (1 cm path length)

5. Digital water bath (temperature 5-90 °C)

6. Digital thermometer

7. Calorimeter

8. Glacial Acetic acid

9. KCl

10. Mohr salt

11. Conductometry water preparation plant