Environmental Engineering Laboratory

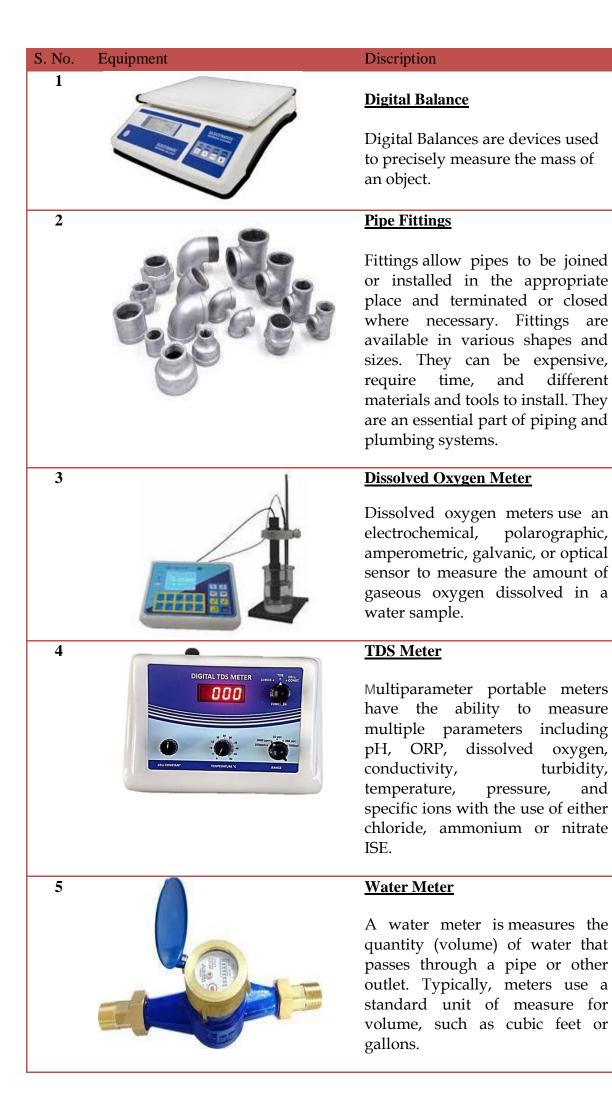


Knowledge is Power



Department of Civil Engineering







7









Dye for Threading

A threading die is a hardened steel cutting tool used to create threads in a pipe. The threads allow the pipe to be joined with another pipe or fixture.

Digital pH Meter

An electronic pH meter is used to obtain more accurate pH measurements. A pH meter is an instrument used to measure hydrogen ion activity in solutions - in other words, this instrument measures acidity/alkalinity of a solution.

Conductivity Meter

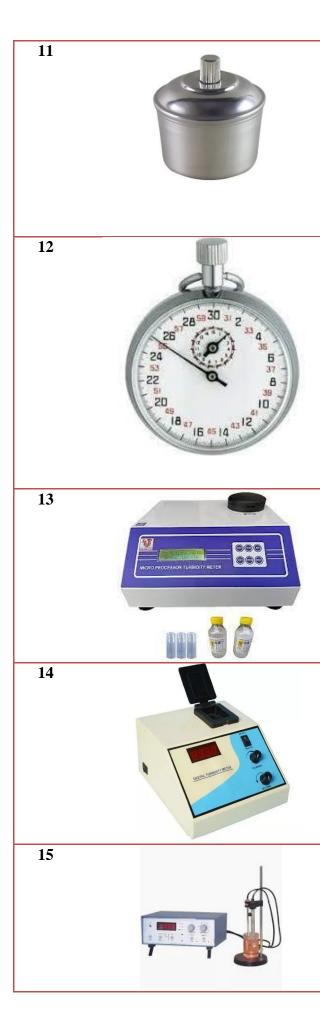
Conductivity meter allows us to measure the level of conductivity in solutions. Conductivity is an ability of materials (solutions, metals or gases) to pass an electric current.

Lab Apron (White)

When used in the laboratory, lab coats protect against accidental spills, e.g., acids. In this case, they usually have long sleeves and are made of absorbent material, such as cotton, so that the user can be protected from the chemical.

Eye Safety Glass

Safety glasses have shatterresistant lenses made of materials like polycarbonate or propionate plastic with side shields. They are designed to stop large, physical objects such as wood chips from injuring your eyes.



<u>Spirit Lamps</u>

Spirit lamps, also known as alcohol burners, are used to produce an open flame. They are often used in laboratories for the following reasons: Heating substances, Precise heat treatment and Safety

Stop Watch

A laboratory stopwatch measures intervals specific time using activation and deactivation points. Analog or mechanical stopwatches are typically controlled by two buttons. The first button starts the timer and the second stops the measurement, and the elapsed time is displayed.

Microprocessor Turbidity Meter

A microprocessor turbidity meter measures the clarity of a liquid solution or water. It can also measure the levels of suspended solids and turbidity in water.

Turbidity Meter

A turbidity meter, also known as a turbidimeter, is a device that measures turbidity. Turbidity meters are used to monitor water quality in a variety of applications, including: Drinking water, Lakes, Rivers, Mangroves.

<u>pH meter (Microprocessor)</u>

A pH meter is an instrument used to measure hydrogen ion activity in solutions .



Digital Conductivity Meter

Digital Conductivity Meters are reliable and accurate test instruments for measurement of Conductivity of aqueous solutions. They measure Conductivity and TDS in five ranges. The Resolution is 0.1 µS/cm and o. 1 ppm respectively, in the lowest range.