

Scientific Instruments

1. Aerometer:

Instrument for measuring weight and density of air and gases.

2. Altimeter:

Instrument used in aircraft to measure altitude.

3. Ammeter:

Instrument used to measure electrical current flowing in a circuit.

4. Anemometer:

Instrument to measure the force and velocity of wind.

5. Audiometer:

Instrument to measure intensity of sound.

6. Barometer:

Instrument used to measure the atmospheric pressure.

7. Calorimeter:

Instrument used for measuring quantities of heat.

8. Cardiogram:

A medical instrument for tracing heart movements.

9. Crescograph :

Instrument for use in recording growth of plants.

10. Dynamo:

Instrument for transforming mechanical energy into electrical energy.

11. Fathometer:

Instrument used for measuring depth of the ocean.

12. Geiger Counter:

Instrument for recording the amount of radiation emitted by a source of radio-activity.

13. Hydrometer:

Instrument used for measuring the specific gravity of liquids

14. Hydrophone:

Instrument used for recording sound under water

15. Hygrometer:

Instrument for measuring the amount of water vapours (humidity) in the atmosphere.

16. Kymograph:

Instrument used to record graphically various physiological movements i.e., blood pressure, heart beating, study of lungs etc. in living beings.

17. Lactometer:

Apparatus used for measuring the purity of milk.

18. Manometer:

Apparatus used for determining the pressure of a gas.

19. Odometer:

Instrument by which the distance covered by wheeled vehicles is recorded.

20. Oscillograph :

Instrument for recording electrical or mechanical vibrations.

21. Photometer:

Apparatus used to compare the illuminating power of two sources of light.

22. Pyrometer:

Instrument for recording high temperatures from a great distance.

23. Radiometer:

Instrument for measuring the emission of radiant energy.

24. Rain gauge:

Apparatus for recording of rainfall at a particular place.

25. Refract meter :

Instrument to measure refractive indices.

26. Saccharimeter :

Instrument for determining the amount of sugar in a solution.

27. Sextant:

An optical instrument used for finding out the altitude of celestial bodies and their angular distances.

28. Sphygmomanometer:

Instrument used for measuring arterial blood- pressure.

29. Spherometer :

Instrument for measuring curvature of surfaces.

30. Seismograph:

Instrument used for recording earthquake shocks.

31. Tachometer:

Instrument for determining speeds of aeroplanes and motor boats.

32. Thermostat:

Instrument used to regulate the temperature to a particular degree.

33. Transformer:

An electrical apparatus used to convert high voltage to low and vice versa.