

SCIENTIFIC MEASURING DEVICES QUIZ



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1> Which device is used by scientists to measure the heating power of sunlight?

- a. Lux Meter
- b. Actinometer
- c. Light Meter
- d. Diffractometer

2> Which device would you use to identify the exact chemical acidity/basicity of a solution?

- a. Ceilometer
- b. Bettrometer
- c. Dilatometer
- d. pH Meter

3> Which of the following devices would you use to measure distance?

- a. Tacheometer
- b. Creepmeter
- c. Eudiometer
- d. Declinometer

4> What instrument is used to determine temperature?

- a. Stadimeter
- b. Thermometer
- c. Polarimeter

d. Evaporimeter

5> Which device would you use to determine ocean depth?

- a. Sextant
- b. Micrometer
- c. Fathometer
- d. Tensiometer

6> Other than a standard clock, what could you use to measure time?

- a. Heliometer
- b. Chronometer
- c. Manometer
- d. Multimeter

7> A popular device in talent and game shows, what device is used to determine the volume of clapping or applause made by an audience?

- a. Audience-meter
- b. Audio-meter
- c. Laugh-o-meter
- d. Clap-o-meter

8> Used for scientific examination and airport observation systems, what device is used to determine the size and velocity of raindrops?

- a. Cathetometer
- b. Breathalyzer
- c. Disdrometer
- d. Hygrometer

9> Which of the following is an instrument used to measure electric charge?

- a. Pyrometer
- b. Magnetometer
- c. Micrometer
- d. Electrometer

10> Found in most cars, which of the following instruments is used to measure distance traveled?

- a. Tachometer
- b. Speedometer
- c. Stroboscopes
- d. Odometer

11> Used by your electric company, what device is used to measure electric power (or the supply rate of electrical energy)?

- a. Lux Meter
- b. Speedometer
- c. Wattmeter
- d. Stadimeter

12> Which of the following is a surveying tool used for angle measurements.

- a. Orchidometer
- b. Graphometer
- c. Anglemeter
- d. Manometer

13> Which instrument is used to measure the strength of magnetic fields?

- a. Densitometer
- b. Galvanometer
- c. Magnetometer
- d. Interferometer

14> Which device listed below is an instrument that measures electrical resistance (the resistance to an electric current)?

- a. Voltmeter
- b. Bolometer
- c. Eudiometer
- d. Ohmmeter

15> An instrument commonly found at weather stations, what device measures wind speed?

- a. Anemometer
- b. Hygrometer
- c. Diffractometer
- d. Interferometer

Answers:

1> Actinometer - Actinometers are used to measure the heating power of radiation.

2> pH Meter - The first commercial pH meters were available sometime in 1936.

3> Tacheometer - Used in surveying, among other things, the tacheometer is used to measure the distance to a target.

4> Thermometer - A thermometer that is used for testing stored food temperature is called a 'temperature wand'.

5> Fathometer - The fathometer uses echo sounding to determine the depth of water.

6> Chronometer - A chronometer is a specific type of timepiece certified to meet certain precision time-keeping standards.

7> Clap-o-meter - The clap-o-meter made its first appearance in 1956 on the British TV game show Opportunity Knocks.

8> Disdrometer - Recent disdrometers can also distinguish between rain, graupel and hail. A hyetometrograph is used to record rainfall amounts.

9> Electrometer - There are many different types of electrometers, ranging from handmade to high-precision electronic instruments.

10> Odometer - Evidence supports that the odometer was first used in ancient Roman

times.

11> Wattmeter - If you hadn't guessed, wattmeters measure electric power in watts.

12> Graphometer - Introduced in 1597, the graphometer is also known as the semicircle.

13> Magnetometer - The first magnetometer was invented in 1833 by Carl Friedrich Gauss.

14> Ohmmeter - The unit of measurement for electrical resistance is ohms.

15> Anemometer - The first mechanical anemometer was invented around 1450 by Leon Battista Alberti.

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