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Soil is considered as an important aspect for reaping agriculture benefits. Therefore, it becomes extremely significant to test the quality of soil before planting any tree or sowing crops. Soil testing meters can be of different types, such as soil suction sampler, analog soil compaction meter, analog soil salinity meter, analog soil pH moisture meter and many more.

These equipments are easy to operate, reliable, portable, economical and cost effective. Sampling of soil has always been an important aspect for the scientists and researches for detecting whether its original characters are intact or not. These instruments are medium in size, and are applicable for both continuous as well as off site use. The areas of application for these equipments are forestry, plant pathology, agronomy and for monitoring environmental pollution. Analog soil compaction meter is of a great concern to scientists as soil compaction due to heavy field traffic may reduce plant growth. The areas of application of analog soil compaction meter are agriculture, aeration, operation research and aeration. Whereas, portable soil salinity meter, are used to test the salinity of the soil, and to enhance the productivity of soil. Ph of soil is extremely important, because soil carries it in nutrients such as nitrogen, potassium and phosphorus, which plants need in specific amounts to grow, thrive and fight off diseases. Therefore, these meters are used to detect the pH of the soil.

Besides these there are equipments such as fat analyzers, soil splitters, soil thermometer, and infrared soil moisture tester that are used extensively. Fat analyzers are considered ideal for determining the density of coarse grained soil. The testing density is extremely useful for verifying the capability of greens, tendency to retain moisture and to know the level of slopes. Soil splitters are widely used by scientists and researches for obtaining homogeneous samples which can exhibit results with near free error features.

It is always obvious that plants need correct pH level to control the nutrients that are available in the soil. This is because agriculture is extremely important for our country, so growing the right crops in important. These soil testing meters are indestructible and provide the user accurate readings. These devices are compact, light in weight and are incorporated with the most advanced and developed technology.

As technology has taken a new shape and all of us are aware that making the right use of technology will definitely benefit research and development organizations, medical organizations and many more. So making the right move in terms of technology and utilizing expertise will surely do well to the users.

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Sonia Nathani - About Author:
Rodsi Bhatia writes for business products and other laboratory equipments. You can find more information about Educational and Scientific Equipment such as a Soil Testing Meters,a Fat Analyzer log on to measuring-meters.com

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