

Soil PH-Moisture Meter/ SDT series

I. Introduction

Soil PH is an important factor in crop planting. Suitable PH in soil is the basic requirement for plant well-growing. Soil PH-Moisture Meter can be used to test PH and moisture in soil. It's portable, easy to use, and can be directly inserted into the soil.

II. Technical parameter

PH range: 3-8 PH,

PH accuracy: ± 0.2 PH

Moisture range: 1-8%

Moisture accuracy: +1%



III. Type list

Model	SDT-60	SDT-300
difference	The depth can be measured: 6cm Applicable to surface soil PH measurement	The depth can be measured: 30cm Applicable to the depth soil PH measurement

IV. Operation

1. Remove coverings such as stones, grass and leaves on the surface of soil. And remove the surface soil. If it's too dry, add some water first. After 25~30 minutes, do measurement.
2. Before measuring, please use a piece of soft cloth to clean the metal surface of the probe. If the instrument is used at the first time, you'd better measure for several times, after that, read the value, which in order to avoid the influence on PH value and moisture value made by the protective oil layer of metal surface.
3. When measuring, insert the probe of the instrument into the soil. Pay attention, the probe should be completely inserted to the soil and make sure the probe and soil around contacted closely. In order to measure the soil PH value and moisture value accurately, the probe should be inserted in the soil for about 10 minutes. As nature of soil is different, the tightness of contact between probe and soil is also different. Thus, you'd better measure for several times and finally take the average value.
4. During the measuring process, press white/green button, the reading can be locked and it's easy to read the value.
5. After using, please clean the probe.

V. Attentions

1. Do not keep the probe inserted in the soil for a long time (no more than an hour), otherwise the metal surface of the probe will be easily damaged.
2. After using, please clean the probe.
3. Keep the instrument away from objects with magnetism, and do not mix with other metal objects. Therefore, in order to avoid damage of the instrument.
4. Can't be used in liquid test.
5. Don't use fingers to touch the probe, as grease on the finger may affect the conductivity of the probe between electrodes, which may lead to inaccurate measurement data.
6. If the instrument is not used for a long time, once you use it again, insert the probe into the soil and rotate it repeatedly, thus get rid of the rust on the probe and to make sure accurate measurement data.