Digital Soil EC Meter

Storage case

72976

When measuring soil conductivity, measure the top clear layer of the solution mixed with a ratio of 1 part soil to 5 parts water.

Features

- Ideal for detailed measurement with a resolution of 1 μS/cm
- Compact size convenient for carrying
- Hold function
- Automatic Temperature Compensation (ATC) function
- Liquid temperature measurement function
- Auto power off function
- IPX5* rating means it can be used safely even if it gets wet
  *Protected from low pressure water jets from any direction.
- With storage case

EC means Electric Conductivity.
If the EC value of soil is too high (above 1,500 μS/cm), crops cannot absorb nutrition effectively and it affects how they grow.

ATC is an abbreviation for Automatic Temperature Compensation, which is a function that compensates for temperature changes in the liquid being measured by changing the measurement value. This allows precise measurement even without conversion.

Use

- For soil conditioning in gardening or agricultural works

Use

Measuring Range	Soil conductivity : 0 - 1,999 μS/cm Temperature: 0 - 60℃
Accuracy*	Soil conductivity: ±20 μS/cm Temperature: ±1℃
Automatic Temperature Compensation (ATC)	Available
Resolution	1 μS/cm
Waterproof	IPX5
Power Source	3x alkaline batteries LR44 or 3x silver oxide batteries SR44 (Batteries included are for trial use only and may not last as long)
Auto Power Off	Approx. 5 minutes
Material	Body, Electrode housing: ABS resin Electrode: Stainless steel

*Accuracy is the repeatability of measurements in the standard solution after calibration in the same standard solution.

*Calibration with a standard solution (sold separately) is required before use.
*If the value after calibration is not stable, replace the electrode part.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
72976	Digital Soil EC Meter Ⅱ	ϕ40×185	108	4 960910 729766	1	B

Replacement Electrode

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
73109	for Digital Soil EC Meter Ⅱ	ϕ30×71	19	4 960910 731097	5	SP