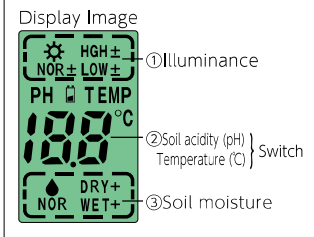


Digital Soil pH Meter



72716



*This unit cannot measure liquid acidity.
 *When measuring, please make sure soil has sufficient moisture as if a mud ball was to be made

Features

- Digital display soil pH meter with multi-functions measuring ground temperature, soil moisture, and illuminance
- With backlight
- Switch allows easy change between soil acidity (pH) and temperature (°C)

Reverse side



pH is an index of acidity in soil.
 Growth of crops depends significantly on soil pH.

Use

- For measurement of soil acidity, ground temperature, soil moisture, illuminance in cultivation environment

Specifications

Measuring Target	Acidity of soil, temperature of soil, moisture of soil, illuminance
Measuring Range: Luminous Intensity (5 levels)	LOW-, LOW, LOW+, NOR-, NOR, NOR+, HGH-, HGH, HGH+
Moisture of Soil (5 levels)	DRY+, DRY, NOR, WET, WET+
Acidity of Soil (14 levels)	pH 3.5 - 9.0 (minimum pH 0.5, accuracy ±pH 0.5)
Temperature of Soil	0 - 50°C (minimum 1°C, accuracy ±1°C)
Power Source	1x 9 V battery (Battery included is for trial use only and may not last as long)
Auto Power Off (approx.)	5 minutes after stopped operation
Auto Backlight Off (approx.)	1.5 minutes after stopped operation
Operating Temperature	5 - 40°C
Probe Size	φ6 × 200 mm
Material	Body: ABS resin

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72716	A	322×63×36	117	4 960910 727168	2	

Digital Soil EC Meter



72976

72758

Carry case

Carry case



Features

- Easy-to-read liquid crystal display with a large lettering (72976)
- Ideal for detailed measurement with a resolution of 1 μS/cm



- Easy operation with just one push of the button
- Liquid temperature measurement function
- Compact, pocket-sized
- Hold function (only for soil EC Measurement Mode)
- Automatic Temperature Compensation (ATC) function
- IPX5 rating means it can be used safely even if it gets wet
- *Waterproof: Protected from low pressure water jets from any direction

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.

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.

Use

- For soil conditioning in gardening or agricultural works

Specifications

	72976	72758
Measuring Range	Soil conductivity 0 - 1,999 μS/cm Temperature 0 - 60°C	Soil conductivity 0 - 1,999 μS/cm Temperature 0 - 80°C
Accuracy*	Soil conductivity ±20 μS/cm Temperature ±1°C	
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: ABS resin Sensor Part: Glass	

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

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72976	Digital Soil EC Meter II	φ40×185	98	4 960910 729766	1	
72758	Digital Soil EC Meter	φ37×180	83	4 960910 727588	1	

Digital pH Meter



Features

- Compact size convenient for carrying
- Hold function
- IPX5* rating means it can be used safely even if it gets wet
- *Protected from low pressure water jets from any direction

Use

- For measurement of pH
- For water quality tests in pools, drinking water tests, and fish farming management
- For pH management of soil in agricultural fields. (When measuring soil pH, measure the top clear layer of the solution mixed with a ratio of 1 part soil to 2.5 parts water.)

Specifications

Measuring Range	pH 1.0 - 14.0
Accuracy*	±pH 0.1
Usable Liquid Temperature Range	5 - 35°C
Resolution	pH 0.1
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. 8 minutes
Material	Body: ABS resin Sensor Part: Glass

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

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72788	Digital pH Meter	φ40×185	110	4 960910 727885	1	

Digital Salinity Meter



Features

- Compact size convenient for carrying
- Hold function
- Automatic Temperature Compensation (ATC) function
- Electric conductivity measurement function
- Liquid temperature measurement function
- IPX5* rating means it can be used safely even if it gets wet
- *Protected from low pressure water jets from any direction

Use

- For management of fish farming and drinking water
- Measure salinity of liquids

Specifications

Measuring Range	Salinity: 0 - 8.0‰ Electric Conductivity: 0 - 200 mS/cm*1 Temperature: 0 - 60°C
Accuracy*2	Salinity: ±0.2‰ Electric Conductivity: 0 - 1999 μS/cm*1: ±20 μS/cm 2 - 200 mS/cm: ±2 mS/cm Temperature: ±1°C
Automatic Temperature Compensation (ATC)	Available Salinity: 0.1‰
Resolution	Electric Conductivity: 1 μS/cm Temperature: 0.1°C
Waterproof	IPX5
Power Source	2x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)
Auto Power Off	Approx. 8 minutes
Material	Body: ABS resin Sensor Part: Glass

*1 Will automatically switch to mS/cm if measurement value exceeds 1999 μS/cm
 *2 Accuracy is the repeatability of measurements in the standard solution after calibration in the same standard solution.

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
72799	Digital Salinity Meter	φ40×185	114	4 960910 727991	1	

Solutions



Features

- Disposable type with just the right amount for one-time calibration
- Preparing a beaker is unnecessary since the sensor can be dipped into the pouch as is

Use

- For calibration of pH Meter and EC Measurement

Specifications

	73033	73034	73035
Accuracy*	±pH 0.01	—	—
Volume	1 sachet 20 ml		
Compatible Products	72788	72976/72758 72799	

*Accuracy at 25°C

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Package
73033	Calibration Buffer Solution pH 4.01, pH 7.01 3 Each	148×70×5	23×6	4 960910 730335	5	
73034	Calibration Buffer Solution pH 10.01, pH 7.01 3 Each	148×70×5	23×6	4 960910 730342		
73035	Conductivity Solution 1413 μS/cm 6 Sachets	148×70×5	23×6	4 960910 730359		