Climate hand meters

Professional horticulture climate hand meters

CannaTechnics can deliver multiple hand meters to help you collect data inside your grow rooms. These highly proven horticulture handmeters proof them selves for years in the sustainable horticulture sector. They are of the highest precision. Anywhere in the air you can measure the data to help you compare the different flower rooms.

- CO2
- Temperature
- Relative Humidity
- PAR, LUX & LED











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GT1050, CO2/Temperature meter

The GT1050 is a very light-weight CO2 instrument with a digital display designed to measure the CO2 concentration in the surrounding air.

The Gt1050 is a low cost flexible and easy to use hand-held, instrument designed to measure the carbon dioxide concentration and temperature in surrounding air. The large illuminated display presents the 2 values simultaneously. Audible alarm is included . Max/Min Average as well as TWA and STEL measurements are also available. The carbon dioxide sensor's gold-plated infra-red waveguide and diffusion membrane filter provides you great reliability, accuracy and long-term stability.



Applications

With a battery capacity covering more than 24 hours, the instrument works perfectly for diagnosing ventilation using carbon dioxide as the surrogate ventilation index. The instrument works perfect for measuring the indoor air quality parameters CO2. Temp and Carbon dioxide has been acknowledged as a good indicator that adequate “fresh“ outside air is being supplied to the occupants for acceptable indoor air quality. Adequate ventilation reduces temporary sickness, downtime and lost productivity. The GT1050 is also ideal for measuring carbon dioxide concentration in incubators, greenhouses, mushroom farms, etc., where correct levels are essential for the process outcome.

Benefits

- State-of-the-art non-dispersive infrared (NDIR) technology to measure carbon dioxide gas in parts-per-million (ppm)
- Data output RS232
- Displays the current carbon dioxide temperature on a large LCD
- Displays TWA (8hours) STEL (15 minutes) Min, Max and average values
- Internal automatic self-diagnostic function
- Audible alarm
- Easy to calibrate

Specifications

Measurement Range:	0-2000 ppm
Accuracy:	±75 ppm ±5% of reading (CO2) (0 ~ 2000 ppm) and ±0.6o C/±0.9oF.

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GT1060, CO2/Temp/RH-meter

The GT1060 is a light-weigth portable CO2/°C/RH measuring instrument with a LCD display, to measure CO2/°C/RH concentrations in air.

The GT1060 is a low cost flexible and easy to use hand-held, instrument designed to measure the carbon dioxide concentration and Rel.Humidity, temperature in surrounding air. The large illuminated display presents the 2 values simultaneously. Audible alarm is included . Max/Min Average as well as TWA and STEL measurements are also available.
The carbon dioxide sensor's gold-plated infra-red waveguide and diffusion membrane filter provides you great reliability, accuracy and long-term stability.



Applications

With a battery capacity covering more than 24 hours, the instrument works perfectly for diagnosing ventilation using carbon dioxide as the surrogate ventilation index. The instrument works perfect for measuring the indoor air quality parameters CO2. Temp and Carbon dioxide has been acknowledged as a good indicator that adequate “fresh“ outside air is being supplied to the occupants for acceptable indoor air quality. Adequate ventilation reduces temporary sickness, downtime and lost productivity. The GT1060 is also ideal for measuring carbon dioxide concentration in incubators, greenhouses, mushroom farms, etc., where correct levels are essential for the process outcome.

Benefits

- State-of-the-art non-dispersive infrared (NDIR) technology to measure carbon dioxide gas in partsper-million (ppm)
- IP30 Classification
- Data output RS232
- Displays the current carbon dioxide, temperature and RH% on a large LCD
- Displays TWA (8 hours) STEL (15 minutes) Min, Max and average values
- Internal automatic self-diagnostic function
- Audible alarm
- Easy to calibrate

Specifications

Measurement Range:	0-5000 ppm
Accuracy:	±30 ppm ±5% of reading (CO2) (0 ~ 5000 ppm) and ±0.6° C/±0.9°F, ±3 % RH (at +25°C, 10 ~ 90 %)

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HD2302, PAR/LUX/LED meter in carrying case

Portable instrument with interchangeable sensors for Lux/Led and PAR measurements.



The HD2302 is a portable instrument with interchangeable sensors for Lux and PAR measurements.
The instrument is compact, sturdy and versatile. A wide range of probes facilitates use in taking radiometric, photometric and ultraviolet measurements and in measuring the light in chlorophyll photosynthesis process. The 3½ digit LCD and a series of symbols make the instrument extremely simple to use and read, even for unskilled operators Two probes for photometric , radiometric or temperature measurements may be connected to the instrument at the same time. The instrument take readings in the field ±1999; in auto function, change of scale is automatic, while in manual function the user chooses the scale closest to the measurement he has to take.



The probes have internal coding which the instrument recognizes, arranging the reading with the respective scale factor. These sensors need to ordered separate!

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TRIX-8, Temperature datalogger

For registration of temperature.



This temperature recorder, typically meant for volume markets, is a real breakthrough for price and performance and is not available elsewhere.
Main markets are shippers of temperature sensitive products like flower, fruit, vegetables, pharmaceuticals and in the airconditioning, heating and ventilation industry. By means of a separate software package + interface (must be ordered separately) you can program and download data from the datalogger.
The LogTag protective enclosure RG7600 provides an excellent protection for your dataloggers and can be ordered separately.

Specifications

Measuring range:	-40°C ~ +85°C
Resolution Temp.:	0,1 °C
Resolution RH.:	0,1 RH
Accuracy:	Better than ± 0,5°C (-10°C ~ +40°C)
Capacity:	8.000 registrations (16 Kb)
Registration frequency:	Adjustable from 30 sec.- several hours
Indication light:	"OK" indicator = in operation "Alert" indicator = alarm warning
Download time:	Typically with full memory < 5 sec., dep. on computer
Battery life:	2~3 years typical use
Size and weight:	86x54,5x8,6mm and 35 gram
Enclosure:	Polycarbonate

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