

PORTABLE CO2 + RH + TEMP METER



MODEL: MCS-PM-1.0

APPLICATIONS

- Cold storage
- Cold room
- Mushroom store
- HVAC
- indoor air quality
- greenhouse farming
- hazardous area warning signals
- gas leak detection
- landfill gas monitoring
- Pharmaceutical Industry

FEATURES

- Portable light weight handheld meter
- Lcd display
- Alarm for high co2 level
- Auto calibration
- Monitoring & analysis allows continuous monitoring of co2, rh & temperature level. Data output to pc every 2 seconds.
- Multiple measurement displays at once- co2, temperature, and relative humidity readings are all shown on the lcd display at the same time
- Normal/ max/ min/ average (15mins/ 8hrs) mode- it can show not only the normal, maximum and minimum co2 readings but also the weighted average co2 readings in the past 15mins (stel mode) and 8 hours (twa mode).
- Audible co2 sound- the alarm beeps when the co2 level exceeds the preset value. The alarm threshold is adjustable.
- Accuracy: co2: 0~2000ppm, ± 50 ppm or $\pm 5\%$ of the reading; above 2000ppm, $\pm 10\%$ of the reading

TECHNICAL SPECIFICATIONS

Parameters	Description
Meter Size	205(L) x 70(W) x 56(H) (in mm)
Supply	AA x 4 PCS
LCD Size	44(L) x 26(W)mm
Battery Life	> 24 Hours (Alkaline Battery)
Weight	200g
Sensor	RTD PT- 100
Co ₂ Range	0 to 9999 ppm
Co ₂ Resolution	1 ppm
Co ₂ Accuracy	± 50 ppm ± 5% of Reading
Co ₂ Response Time	30 Seconds (90% step change)
Humidity Range	0.1 to 99.9% RH
Humidity Resolution	0.1% RH
Humidity Accuracy	± 3% RH (at 25°C, 10 to 90% RH)
Humidity Response Time	10 mins
Air Temperature Range	-10 °C to 60 °C
Air Temperature Accuracy	± 0.6 °C
Air Temperature Response	2 min (90% step change)



MULTITECH CONTROL SYSTEMS

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