

KEY FEATURES

- Suitable for Indoor Air Quality diagnosis
- Affordable instrument measures CO²
- Handheld unit with audible warning alarm
- Ideal for HVAC systems & air ventilation controls
- Features Non-Dispersive Infrared technology
- Measures Air Temperature, Dew Point, Wet Bulb Temperature & Humidity
- Readings update every second
- Triple LCD display
- Manageable calibration
- Connection to PC available
- Bright backlight built-in
- Data Hold & Min/Max functions
- Auto-off after 20mins
- AA Battery powered
- 1 year warranty included



PRODUCT DESCRIPTION

The TM7755 Handheld Indoor CO² Air Quality Meter is an easy-to-use and a comfortable-to-carry instrument ideal for Indoor Air Quality (IAQ) diagnosis. Updating readings every second, the TM7755 measures CO² level, Air Temperature, Dew Point (DP), Wet Bulb Temperature (WB) and Humidity (RH). Featuring an audible alarm for when concentrations exceed the limit, this meter uses Non-Dispersive Infrared (NDIR) technology to ensure reliability and long term stability. This makes it useful for verifying HVAC system performance and air ventilation controls.

Measuring Ranges

- CO₂: 0 to 9999ppm
- Temperature: -10 to 60°C
- Humidity: 0.1% to 99.9% RH
- Dew Point: -20.0 to 59.9°C
- Wet Bulb: -5.0 to 59.9°C

The portable design is supported by a digital triple display, presenting the collected CO², temperature & humidity readings quickly and simultaneously. With manageable calibration and a built-in port for PC connection, a backlight for working in dark areas and auto-off operation turns off automatically after 20 minutes of inactivity and hold data, Min/Max functions are useful for manipulating on-screen data. Battery powered, this affordable Handheld Indoor CO² Air Quality Meter is covered by a 1 year warranty.

SPECIFICATION

Measuring Range

- MCO₂: 0 to 9999ppm (2001 to 9999 out of scale)
- Temperature: -10 to 60°C (14 to 140°F)
- Humidity: 0.1% to 99.9% RH
- Dew Point: -20.0 to 59.9°C
- Wet Bulb: -5.0 to 59.9°C

Accuracy

- CO₂: ±50ppm ±5% of reading (0 to 2000ppm) other ranges are not specified
- Temp: ±0.6°C / ±0.9°F
- Humidity: ±3% RH (at 25°C, 10~90% RH); ±5% •
- RH (at 25°C, others)

Response Time

- Range: 5-95%
- Accuracy: ±5%
- Resolution: 1% on Main Reading, 0.1% on Max Min Reading

General

- Resolution: 1ppm, 0.1°C/°F, 0.1% RH
- Warm-up time: 30 seconds
- LCD size: 26 x 44mm
- Operating condition: 0 to 50°C, 0 to 95% RH (avoid condensation)
- Storage Condition: -20 to 50°C, 0 to 95% RH (avoid condensation)
- Power Supply: 4 x AA batteries
- Battery life: >24 hours (alkaline batteries)
- Meter Size: 205 x 70 x 56mm (L x W x H)
- Warranty: 1 year
- Certification: CE
- Customised support: OEM

KIT CONTAINS

- 1 x Portable CO₂ meter
- 4 x AA batteries
- English Operation Manual
- Hard Carrying Case