

DESCRIPTION:

YEM-40C/40CL is mainly used for environmental carbon dioxide concentration and temperature and humidity monitoring, suitable for home furnishing, classrooms and office places.

The YEM-40CL uses a large measurement range and a stable and reliable carbon dioxide sensor (measurement range 0~10000PPM), so it is suitable for professional environmental monitoring. The user can set the clock, upper and limits or backlight duration of the instrument by pressing the button. The instrument also has the measurement data over-limit alarm function (bright red backlight), and the alarm value range can be set.

YEM-40CL adds recording functionality to the YEM-40C base. Users can press the key to set their recording interval and the generated file type. YEM-40CL stores and transfers files in a U disk, generating txt/csv/xls/dlg format files (data in dlg format files can be analyzed with professional PC-side software). YEM-40CL also supports the statistics of parameters such as the overrun state, number and total overrun time of each channel.



YEM-40C

FEATURES:

- 3.9-inch display, with backlight
- Touch-sensing button
- Show maximum, minimum, average
- Red-backlight over-limit alarm
- Real-time and historical alarm status indication
- Storage capacity of 22,528 per Channel(YEM-40CL)
- Generate txt /csv/xls/dlg format file(YEM-40CL)
- PC software analysis data (YEM-40CL)
- Low power consumption
- Calibration function
- Battery protection

APPLICATION:

- Shopping mall
- Hospital
- Restaurant
- School
- Home furnishing
- Office space environmental testing
- Agricultural greenhouses and breeding
- Laboratory

Environmental Carbon Dioxide Monitor

YEM-40C
YEM-40CL

NOTICES:

- Avoid sun exposure.
- Avoid direct touch with corrosive chemicals.
- Prevent the device from falling out.

WARNING:

- Self-disassemble is not allowed!
- No surge with heavy current/static electricity!

SPECIFICATION:

Model	YEM-40C	YEM-40CL
Measurement Parameters	Temperature(dry ball, dew point), Humidity, Carbon Dioxide	
Recording Function	None	Yes
Unit	Temperature: °C, °F; Humidity:%RH; Carbon Dioxide:PPM	
Measuring Range	Temperature: -30~+ 65 °C(built-in probe); -40~+125 °C(external probe); Humidity: 0~100%RH(Non-condensation) Carbon Dioxide: 0 ~ 10,000PPM	
Measuring Accuracy	Temperature: ±0.5 °C(-10~ +65 °C); ±1.0 °C(Other Range) Humidity: ±5%RH(10~90%RH, 25 °C); ±6%RH(Others) Carbon Dioxide: ±3%±40PPM (400~2000PPM,0~50 °C); (Other ranges shown for reference only)	
Resolution	Temperature: 0.1 °C Humidity: 0.1%RH Carbon Dioxide: 1PPM	
Response Time(t ₉₀)	Temperature: 15 minutes(built-in probe); 5 minutes(external probe) Humidity: 15 minutes(built-in probe); 5 minutes(external probe) Carbon Dioxide: ≥3 minutes	
Measuring Interval	Temperature: 5 seconds Humidity: 5 seconds Carbon Dioxide: 5 seconds~30 minutes adjustable	Temperature: 5 seconds Humidity: 5 seconds Carbon Dioxide: 5 seconds~120 minutes adjustable
Recording Interval	None	5 seconds~120 minutes adjustable
LCD Refresh Interval	5 seconds	
Storage Capacity	None	22,528 Data points per channel
Operating Temperature	0~+50 °C	
Storage Temperature	-30~ + 65 °C (no batteries)	
Battery	3 pcs 1.5V AAA alkaline batteries (USB power supply is recommended)	
Power Supply Interface	Micro USB,DC 5V/2A	
Protection Class	IP20	
Overall Dimensions	108*96*20mm	
Housing Material	ABS	
Weight	About 124g (no batteries)	