

YEM Series Environment Meters

- View history maximum/minimum/average
- High/low alarm user configurable
- Realtime and history alarm status indications
- Calendar supported and user configurable
- Sound alarm supported
- Large LCD display with backlight
- Comfort level indications
- C/°F/Dew point
- Battery status indication
- Long battery life



Specifications	YEM-20	YEM-40	YEM-70
	Thermo hygrometer with history alarm Part no.: 0402 0001	Thermo hygrometer with carbon dioxide Part no.: 0402 0002	Thermo hygrometer with air pressure Part no.: 0402 0003
Channel	1 int. temp.(dew point supported) 1 int. humi.	1 int. temp.(dew point supported) 1 int. humi. 1 int. CO2	1 int. temp.(dew point supported) 1 int. humi. 1 int. air pressure
Sensor	Digital Digital	Digital Digital Infrared	Digital Digital Digital
Measuring unit	°C, °F %RH	°C, °F %RH PPM	°C, °F %RH hPa
Measuring range	-30~65°C 0~100%RH	-30~65°C 0~100%RH 0~10000PPM	-30~65°C 0~100%RH 300~1100hPa
Measuring accuracy	±0.3°C (-10~65°C) ±0.5°C (others) ±3%RH (10~90%RH) ±4% (others)	±0.3°C (-10~65°C) ±0.5°C (others) ±3%RH (10~90%RH) ±4% (others) ±3%±40PPM(400~2000PPM) only for reference(others)	±0.3°C (-10~65°C) ±0.5°C (others) ±3%RH (10~90%RH) ±4% (others) ±1hPa
Measuring resolution	0.1°C 0.1%RH	0.1°C 0.1%RH 1PPM	0.1°C 0.1%RH 0.18hPa
Response time(T90)	15 minutes 15 minutes	15 minutes 15 minutes 3 minutes	15 minutes 15 minutes 5 seconds
LCD refresh interval	5s	5s	5s
Measuring interval	5s	5s(temp. and humi.) 5s to 30m(co2)	5s
Battery	3pcs AAA battery	3pcs AAA battery	3pcs AAA battery
Battery life	1 year(25°C)	45 days(25°C, 15minutes interval)	1 year(25°C)
Power supply		AC/DC Adapter (100~240V 50/60Hz, 5V/2A)	
Operation temperature	-30~65°C	-30~65°C(if <0°C or >50°C, CO2 will stop)	-30~65°C
Storage temperature	-30~65°C	-30~65°C	-30~65°C
Size/Weight	96X108X20mm/116g	96X108X20mm/121g	96X108X20mm/117g
Waterproof	IP20	IP20	IP20
Standards/Certificates	CE	CE	CE
Interface	MicroUSB	MicroUSB	MicroUSB