







## Compare List for CO2 Desktop or Wall mount Monitor

S/N	Description	Model	BRAMC BR-A18	Hti HT-2000	Temptop M100	Temptop P20C	GMM-100S8
							
1	Type of equipment		Desktop	Desktop or Wall Mount	Desktop	Desktop or Wall Mount	Desktop or Wall Mount
2	(NEA Recommended Specifications) CO2 Sensor: (NDIR)		NDIR	NDIR	NDIR	NDIR	NDIR
3	(NEA Recommended Specifications) CO2 Measurement range: (Able to measure between 300 to 3,000ppm or more)		400 to 5000ppm	0 to 5000ppm	0 to 5000ppm	0 to 5000ppm	0 to 5000ppm
4	(NEA Recommended Specifications) CO2 Accuracy: (Accuracy of not more than $\pm 50$ ppm or $\pm 5\%$ (measured within the specified measurement range))		$\pm 45$ ppm or $\pm 15\%$ of reading	$\pm 50$ ppm or $\pm 5\%$ of reading	$\pm 40$ ppm or $\pm 3\%$	$\pm 40$ ppm or $\pm 3\%$	$\pm 50$ ppm or $\pm 5\%$
5	(NEA Recommended Specifications) CO2 Resolution: (Resolution of 10ppm or less)		1ppm	1ppm	1ppm	1ppm	1ppm
6	(NEA Recommended Specifications) Data Logger function: (Logging frequency of at least once every minute)		Fix (1 minute)	Adjustable (1 Sec to 60 Minutes)	Adjustable (1 Min to 60 Mins)	Fix (1 hour)	Adjustable (1 Min to 60 Mins)
7	(NEA Recommended Specifications) Recalibrated function: (Can be calibrated)		ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	No
8	(NEA Recommended Specifications) Average function: (Provide average readings based on selected measurement duration)		No	Max, Min	No	Max, Min	Max, Min
9	Power by		Built-in Rechargeable Battery Or USB Power Adapter (5V1A)	4 x AA Batteries or USB Power Adapter (USB 5V1A)	Built-in Rechargeable Battery Or USB Power Adapter (5V1A)	Built-in Rechargeable Battery Or USB Power Adapter (5V1A)	4 x AA Batteries or USB Power Adapter (USB 5V1A)
10	Other measurement Parameter		PM2.5, HCHO, TVOC	Temp, RH	PM2.5, PM10, Temp, RH	PM2.5, Temp, RH	Temp, RH, Barometric Pressure
11	Data Logging by		Micro SD Card	Software by USB Cable	Wifi by mobile APP	USB Cable	Software by USB Cable

## Compare List for CO2 Desktop or Wall mount Monitor

S/N	Description	Model	AZ7729	BRAMC BR-K	Kaiterra Sensedge SE100	iAeris 1-3	AECL AQD-100-020-0
							
1	Type of equipment		Wall Mount	Wall Mount	Wall Mount	Desktop or Wall Mount	Wall Mount
2	CO2 Sensor: (Non-dispersive infrared (NDIR))		NDIR	NDIR	NDIR	NDIR	NDIR
3	CO2 Measurement range: (Able to measure between 300 to 3,000ppm or more)		0 to 9999ppm	400 to 2000ppm	400 to 2000ppm	0 to 5000ppm	0 to 9999ppm
4	CO2 Accuracy: (Accuracy of not more than $\pm 50$ ppm or $\pm 5\%$ (measured within the specified measurement range))		$\pm 50$ ppm or $\pm 5\%$ (0~2000ppm)	$\pm 45$ ppm or $\pm 3\%$ of reading	$\pm 50$ ppm or $\pm 3\%$ of reading	$\pm 50$ ppm or $\pm 3\%$ of reading	$\pm 40$ ppm or $\pm 3\%$ (0~2000ppm)
5	CO2 Resolution: (Resolution of 10ppm or less)		1ppm	1ppm	1ppm	1ppm	1ppm
6	Data Logger function: (Logging frequency of at least once every minute)		No	No	Adjustment (1 min to 60 mins)	No	No
7	Recalibrated function: (Can be calibrated)		ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)
8	Average function: (Provide average readings based on selected measurement duration)		No	No	No	No	No
9	Power by		USB Power Adapter (5V1A)	Power Adapter	Power Adapter	Power Adapter	Power Adapter
10	Other measurement Parameter		Temp, RH	PM2.5, TVOC,Temp, RH	PM2.5, TVOC,Temp, RH	PM2.5, TVOC, HCHO,Temp, RH	Temp, RH
11	Data Logging by		No	Controller through RS485.	Wifi by Cloud Platform	Wifi by Cloud Platform	No