

## Compare List for CO2 Handheld meter

Updated: 7 July2022

S/N	Description	Model	AZ77597	TemTop M2000-2ndGen	BRAMC BR-SMART-128SE	Center 512	AZ7752
1	Type of equipment		Handheld	Handheld	Handheld	Handheld	Handheld
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)		0~5000ppm	0~5000ppm	400 to 5000ppm	0~30,000ppm	0~2000ppm
4	CO2 Accuracy: (Accuracy of not more than $\pm 50$ ppm or $\pm 5\%$ (measured within the specified measurement range))		$\pm 30\text{ppm} \pm 5\%$ of reading (0~5000ppm)	$\pm 50\text{ppm} \pm 5\%$ of reading (0~5000ppm)	$\pm 45\text{ppm}$ or $\pm 15\%$ of reading	$\pm 75\text{ppm} + 3\%$ of reading (0~5000ppm)	$\pm 50\text{ppm} \pm 5\%$ of reading (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)		Adjustable (1 Sec to 4hours)	Adjustable ( 1, 5, 10,30 and 60 minutes)	Fix (1 minute)	Adjustable (1 Sec to 60 Minutes)	No
7	Recalibrated function: (Can be calibrated)		Yes	Yes	ABC (Automatic Background Calibration)	Yes	Yes
8	Average function: (Provide average readings based on selected measurement duration)		Yes (Max, Min, TWA-8 Hours, STEL-15 Mins, Average)	No	No	Yes (Max, Min, TWA-8 Hours, STEL-15 Mins, Average)	Yes (Max, Min, TWA-8 Hours, STEL-15 Mins, Average)
9	Power by		4 x AA Batteries	Built-in Rechargeable Battery (3000mAh)	Built-in Rechargeable Battery (2200mAh)	1 x 9V Battery	4 x AA Batteries

## Compare List for CO2 Desktop or Wall mount meter

Updated: 7 July2022

S/N	Description	Model	BRAMC BR-A18	Hti HT-2000	CEM DT-802	GMM-100S8	Hti-HT-2008
1	Type of equipment		Desktop	Desktop or Wall Mount	Desktop or 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)		400 to 5000ppm	0 to 5000ppm	0-2000ppm	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))		$\pm 45$ ppm or $\pm 15\%$ of reading	$\pm 50$ ppm or $\pm 5\%$ of reading	$\pm 75$ ppm	$\pm 50$ ppm or $\pm 5\%$ of reading	$\pm 70$ ppm or $\pm 3\%$ of reading
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)		Fix (1 minute)	Adjustable (1 Sec to 60 Minutes)	No	Adjustable (1 Sec to 60 Minutes)	No
7	Recalibrated function: (Can be calibrated)		ABC (Automatic Background Calibration)	ABC (Automatic Background Calibration)	No	No	No
8	Average function: (Provide average readings based on selected measurement duration)		No	Max, Min	Max, Min	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)	Power Adapter	4 x AA Batteries or USB Power Adapter (USB 5V1A)	Power Adapter