

# Portable Indoor Air Quality (IAQ) Instruments

## Portable Indoor Air Quality (IAQ) Instruments



		YESAIR	YES Plus LGA	YESAIR Junior
<b>Features Available</b>	Relative Humidity Sensor	Yes	Yes	Yes
	Temperature Sensor	Yes	Yes	Yes
	YESDUST Compatible	Yes	Yes	No
<b>Sensor Technology</b>	Carbon Dioxide (CO <sub>2</sub> )	Yes	Yes	Yes
	Electrochemical	Yes	Yes	No
	Catalytic	Yes	Yes	No
	Infrared	Yes	Yes	No
	PID	Yes	Yes	No
<b>Electrical</b>	Power Requirement	Alkaline, AA x 3  Rechargeable NiMH battery pack: 8 hours of continuous operation time <i>(dependent upon the sensor array installed)</i>  c/w plug-in battery charger / wall adapter (6 VDC)	Rechargeable NiMH battery pack: 18 - 24 hours of continuous operation time <i>(dependent upon the sensor array installed)</i>  c/w plug-in battery charger / wall adapter 12 VDC (100 - 240 VAC; 50 - 60 Hz)	Alkaline, AA x 4 (24 hours)  9 VDC wall adapter: 24/7 continuous operation time
	Display	Backlit, multi-line alphanumeric LCD display	Back-lit, multi-line LCD alphanumeric display	3 parameters, backlit, numerical LCD display
	Resolution	<i>sensor dependent</i>	<i>sensor dependent</i>	1 ppm
	Sampling	<i>Standard:</i> Internal, automatic sample pump for "active" sampling of target environment  <i>Optional:</i> Diffusion for quick, direct reading.	Internal, automatic sample pump for "active" sampling of target environment	Diffusion
	Memory	Internal SD Flash Card	Removable Internal SD Flash Card	Removable Internal Flash memory (26,000 data points)
	Warm-Up Time	Approximately 3 minutes	Approximately 3 minutes	30 seconds
<b>Environmental</b>	Operating Temperature	5° C to 50° C (41° F to 122° F)	5° C to 50° C (41° F to 122° F)	0° C to 50° C (32° F to 122° F)
	Humidity	0% to 95% RH non-condensing	0% to 95% RH non-condensing	0% to 95% RH non-condensing
<b>Certifications</b>	CE	Yes	No	Yes

Note: All CETCI's instruments consist of RoHS compliant circuit boards.