WELL
HEALTH-SAFETY
RATED

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Indoor Air Quality Test Kit for WELL Building Standard

Pine Item #52269

DESCRIPTION:

The Indoor Air Quality Test Kit for WELL is for consultants and air quality professionals who require a set of tools to measure indoor pollutants designated by the Air Concept for **IWBI's WELL Building Standard™ (WELL).**

The Kit features Aeroqual's proven Series 500 portable monitor that can be used to measure a range of WELL designated pollutants by simply swapping the sensor heads for the pollutant you wish to monitor. The kit includes the following sensors: a particulate matter (PM) sensor (PM2.5/PM10), two indoor pollutant gas sensors (O3, CO), and a combined temperature and relative humidity sensor.

FEATURES:
- Series 500 Monitor base including: LCD digital display, Lithium battery and charger, in-built datalogger,
- monitor to USB cable, PC software.
- Particulate Matter Sensor PM10 / PM2.5
- Carbon Monoxide Sensor 0-100ppm
- Ozone Sensor 0-0.5ppm
- Temperature & Humidity Sensor
- Small Carry Case

APPLICATIONS:
- WELL Compliance assessments
- Personal exposure checks
- Health and safety compliance
- Checking indoor air pollution "hotspots"
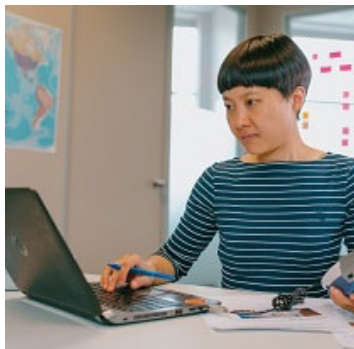- HVAC system performance monitoring

For more information on WELL Health-Safety Rating, please visit https://www.wellcertified.com/#

Step 1 – Gather data

Step 2 – Download data

Step 3 – Analyze data

Contact a Pine branch near you to request a quote or place an order

VISIT OUR U.S. AND CANADA WEBSITES TO FIND A BRANCH NEAR YOU

United States
www.pine-environmental.com

Canada
www.pine-environmental.ca

Sensor specifications

GAS & PARTICULATE SENSORS	RANGE	SENSOR TYPE*	MINIMUM DETECTION LIMIT	ACCURACY OF FACTORY CALIBRATION	RESOLUTION	RESPONSE TIME	TEMPERATURE	RELATIVE HUMIDITY	KIT		
									STR	PRO	WELL
Particulate Matter (PM_{10} & $PM_{2.5}$)	0.000 to 1.000 mg/m³	LPC	0.001 mg/m³	± (0.002 mg/m³ + 15 % of reading)	0.001 mg/m³	5 Seconds	0 to 40°C	0 to 90 %	✓	✓	✓
Ozone (O_3)	0-0.5 ppm	GSS	0.001 ppm	<±0.008 ppm 0-0.1 ppm <±10% 0.1-0.5 ppm	0.001 ppm	60 Seconds	0 to 40°C	10 to 90 %			✓
Carbon Dioxide (CO_2)	0-5000 ppm	NDIR	20 ppm	<±20 ppm + 5%	1 ppm	120 Seconds	0 to 40°C	15 to 90 %	✓	✓	
Carbon Monoxide (CO)	0-100 ppm	GSE	0.2 ppm	<±1 ppm 0-10 ppm <±1 10% 10-100 ppm	0.01 ppm	30 Seconds	0 to 40°C	15 to 90 %		✓	✓
VOC	0-25 ppm	GSS	0.1 ppm	<±0.1 ppm + 10%	0.1 ppm	60 Seconds	0 to 40 °C	15 to 90 %	✓		
VOC	0-20 ppm	PID	0.01 ppm	<±0.2 ppm + 10%	0.01 ppm	30 Seconds	0 to 40°C	0 to 95 %		✓	

* Sensor Types: Gas Sensitive Semiconductor (GSS), Gas Sensitive Electrochemical (GSE), Laser Particle Counter (LPC), Non-dispersive infrared (NDIR), Photoionization Detector (PID).

For the full range of available sensors, visit our website; www.aeroqual.com or to download the list, click here.

Monitor specifications

SERIES 500 PORTABLE MONITOR SYSTEM SPECIFICATIONS (included in Starter & Pro Air Testing Kits)	
Measurement units	Gas: ppm or mg/m³ | Humidity: % | Temperature °C or F
Reading functions	Instant, minimum, maximum, average
Sensor head	Active fan sampling to ensure high accuracy measurements, interchangeable, replaceable
Display status indicators	Battery, sensor, standby
Sensor calibration	Zero and gain calibration in the lab or field
Analog output	0-5 V
Digital interface	RS-232 to USB
Data logging	Up to 8,188 records (2,706 incl. Temp/RH)
PC data logging	Software and data cable supplied. Link data to a specific location and monitor.
Clock function	Real time
Power supply	12V DC (power adaptor/charger supplied 100-250 V AC)
Rechargeable battery	Lithium polymer 12 V DC 2700 mA/h
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size	(L x W x D) 195 x 122 x 54 (mm); 7⅝ x 4¾ x 2⅛ (in) (with sensor head)
Weight	< 460 g; < 16 oz (with sensor head and battery)
Environmental operating conditions	Temperature: -5 °C to 45 °C | Humidity: 0 to 95 % non-condensing
Temperature & Humidity sensor	Range - 40 °C to 124 °C (- 40 °F to 255 °F); Range 0 to 100 % RH
Approvals	Part 15 of FCC Rules; EN 50082-1: 1997; EN 50081-1: 1992