

# **Indoor Air Quality Meter**

### **Professional Indoor Air Quality Meter**

The IAQPRO and CPSLinkPro<sup>™</sup> app system set a new standard for ease of use and professional results! HVAC technicians can now quickly measure and record the quality of indoor air, to identify Issues, Causes, and Solutions in minutes!

#### PROFESSIONAL RESULTS MADE EASY

Independent sensors accurately measure indoor air for 9 critical air quality factors: Particulate Matter, **Total Volatile Organic Compounds, Carbon Dioxide,** Temperature, Relative Humidity, Building Pressure, Dew **Point and Indoor Comfort Zone.** 

#### **INSTANTLY DOCUMENT AND SHARE RESULTS**

The CPSLinkPro<sup>™</sup> app automatically logs measurements to help technicians identify likely causes of air quality problems. Results can be instantly e-mailed to a client, company office, or others. Stored data validates that an air quality analysis was performed.

#### **SELL ADDITIONAL PRODUCTS AND SERVICES**

 $\square *$ 

PM 2.5

Particulate Matter 2.5

Temperature

(PPM)

Carbon Dioxide

(°F or °C)

Building Pressure

(in Hg)

The app also generates a report of recommended products, services and customizable prices that technicians can provide to clients to resolve indoor air quality problems. This **provides** HVAC contractors with new sources of revenue all year long!

**CDS**Link**Pro**™

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PM 10

## **Common Indoor Air Quality Issues & Causes**

#### **BEDROOM**

- · High Carbon Dioxide Lack of fresh outside air.
- High tVOCs Offgasing from carpet, paint, plastics; dry cleaning.
- High Particulate Matter -Allergens or pet dander on clothes, bedding,

### LIVING ROOM

- Particulate Matter Pet hair and dander, particles from fireplaces, allergens, dust or dust mites.
- · High tVOCs Tobacco smoke, outgassing from carpet or upholstery.
- · Too Hot Or Cold -Excessive solar gain or heat loss (poorly insulated windows or walls)

#### BATHROOM

- Excess Humidity Poor ventilation or blocked exhaust fans.
- High Particulate Matter Mold.
- High tVOCs Cleaning products, cosmetics.

#### ATTIC

- Particulate Matter Insulation, dust. tVOC - Formaldehyde from insulation.
- Excess Humidity Leaking ductwork. High Utility Bills - Poor insulation, negative

### **GARAGE**

- High tVOCs Pesticides, cleaning products, paint and chemicals, exhaust, oil.
  - Particulate Matter Dust, fertilizers, allergens.
  - Excess Humidity Outdoor ai penetration.

#### BASEMENT

- HVAC SYSTEM High Humidity - From floors, Particulate Matter - Fireplace.
- ducts, grilles, filters. smoke, firewood, musty air, dust Excess Humidity - Holes in from HVAC system. ductwork
  - tVOCs Paint, chemicals,

15 115 C02 600+ 735 (ppm) 73(%) 60.0® 30.1 65 ° Comfort Zone

Comfort Zone (Temperature & Humidity)

Particulate Matter 10

Compounds (PPB)

Relative Humidity

**Dew Point** 

(°F or °C)

(%)

**Total Volatile Organic** 

(PPM)

Tests Screen Shown

#### · High tVOCs - Chemicals, cleaning products. Particulate Matter - Dirty

High Particulate Matter - Cooking or combustion.

HOME OFFICE

· High tVOCs - Copier

toner, outgasing

from carpet.

**KITCHEN** 

 Excess Humidity - Dishwashing. cooking, insufficient or blocked exhaust fans

















### **Product Specifications**

Transmission Range	Up to 150 Ft (46 m) (Direct line of sight)			
Standard Test Timeframe	30 Minutes (Default - Adjustable)			
Mobile Device Compatability (For Optimum Performance)	iOs (SE, 12.0 or newer); Android (OS 8.0 or newer)			
Size/Weight	5"H (12.7cm), 3.5" (9cm) Dia., [0.65 Lb (0.3 kg)]			
AC/DC Adapter	Input: 100~240V; 50~60Hz; 0.4A Output: DC 5V; 2.0A			
Power Cord (USB-C Cable)	6.6 Ft. (2 m)			
Protective Carrying Case	EVA semi-rigid shell, with internal compartments			
Warranty	1 Year			

### **Sensor Specifications**

Air Quality Factor	Measurement	Accuracy	Minimum Time To Acquire	Values Displayed In App	
		Accuracy	Accurate Data*	Minimum	Maximum
Temperature	Temperature	±2.3 °F (±1.3 °C)		32F (0C)	122F (50C)
Pressure	Building Pressure	0.007 in. Hg		8.82 in. Hg	32.43 in. Hg
DP	Dew Point Temperature	$\pm 2.3^{\circ}$ F ( $\pm$ 1.3 °C) $\pm$ 5% Of Reading	Immediate	32F (0C)	122F (50C)
rH	Relative Humidity	±5% of Reading		10%	95%
Indoor Comfort Zone (Heating/Cooling Season)	Temperature & Humidity	+/- 2.3F (+/- 1.3C), +/-5% of Reading	-	61F (16C) & 10% r.H.	93F (34C) & 95% r.H.
tVOC's	Total Volatile Organic Compounds	±(50 ppb + 15%)	5 Minutes To 60 Minutes	0 ppb	5,000 ppb**
CO <sub>2</sub>	Carbon Dioxide	± (100 ppm +3% Of Reading)	3 Minutes	0 ppm	5,000 ppm
PM <sub>2.5</sub>	Fine Particulate Matter	± 25 ug/m3 for < 100 ug/m3;		0 ug	400 ug
PM <sub>10</sub>	Particulate Matter	±25% for > 100 ug/m3	Immediate	0 ug	600 ug

<sup>\*</sup> After being powered ON. If stored in temperature extremes, let meter adjust (unplugged) to indoor temperature for 6~8 hours. \*\* tVOC accuracy spec applies up to 600 ppb. See Quick Start Guide or Owner's Manual at cpsproducts.com for additional use instructions.

Packaging	H x W x D, Inches (cm)	Weight, Lbs (kg)	Product Qty Per	UPC#
Color Box	9.1" x 4.1" x 4.6" (23 x 10 x 12 cm)	1.60 lb (.72 kg)	1	750377116384
Inner Box	14.6" x 8.8" x 9.6" (37 x 23 x 25 cm)	9.2 lb (4.2 kg)	6	n/a
Master Box	18.5" x 15.2" x 20.1" (47 x 39 x 51 cm)	36.4 lb (16.5 kg)	24	17503771163849

This meter is NOT a life-safety device and does not provide absolute values for all indoor airborne solids, liquids or gases that may be present. It does not replace the capability of existing smoke alarms, carbon monoxide alarms, heat alarms or other life safety devices.

### **CDS**Link**Pro**™



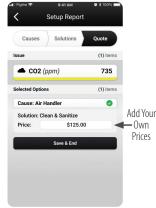












Use pop up keypad to enter custom air quality solutions and prices



E-mail a report to contacts stored in the app

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