

**HEPA
FILTER**

**ACTIVATED
CARBON
CARTRIDGE
FILTER**

**ADVANCED
PRE-FILTER
ASSEMBLY**

 ReproCare®



PUREAIR 200

**Particle
Sensor**

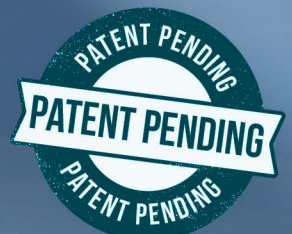
Measurement and monitoring of particles with diameters of 0.3, 0.5, 1, and 5 μm

**T-VOC
Sensor**

Measurement and monitoring of Total Volatile Organic Compounds

**PureAir
200**

**AUTOMATIC
PARTICULATE
AND TOXIC GAS
FILTRATION SYSTEM**



Touchscreen Display

The 7" capacitive, full-color TFT touchscreen provides easy and intuitive operation. It can be used comfortably with gloves and is resistant to liquid spills.



Differential Pressure Sensor

PureAir 200, equipped with an integrated differential pressure sensor, provides both audible and visual alerts in the event of potential filter blockages.



Alarm System

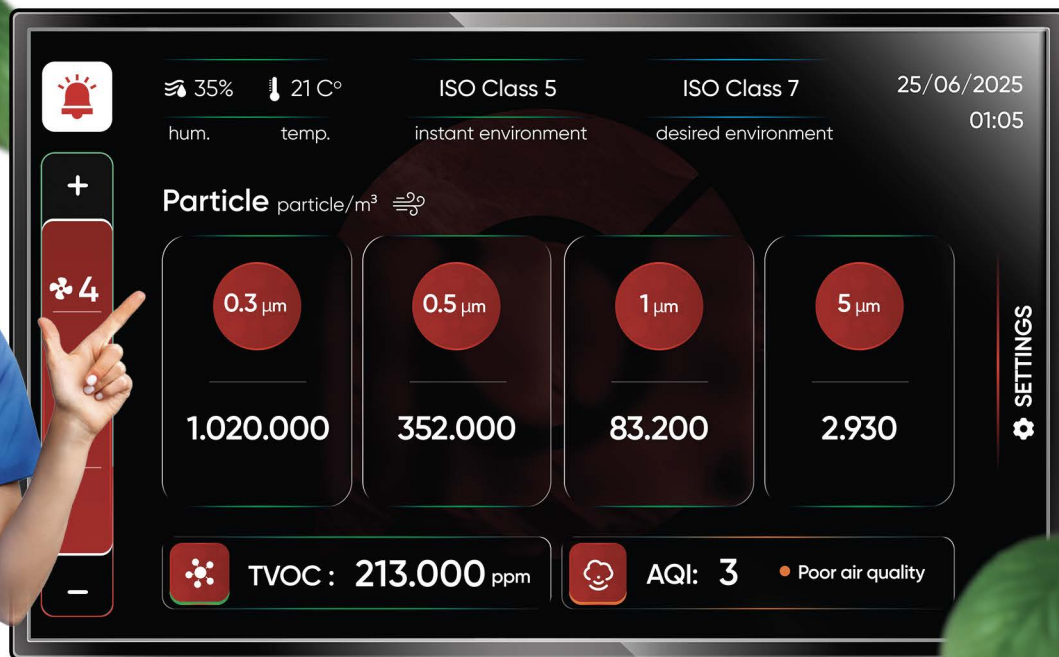
The PUREAIR 200 alarm system monitors the optimal service life of your filters, automatically tracks replacement intervals, and notifies you when it is time to change them.



Automatic Fan Control

Based on data received from the TVOC and particulate sensors, the fan speed is automatically optimized, ensuring that ambient conditions remain stable within the preset threshold values.

PUREAIR 200



User-Friendly Interface

7" Color Capacitive TFT Touchscreen

PureAir 200 is an advanced air filtration system designed for laboratories and controlled environments. Through its touchscreen interface, it provides real-time monitoring of Temperature (°C), Humidity (%), Particulate levels, and T-VOC (Total Volatile Organic Compounds).

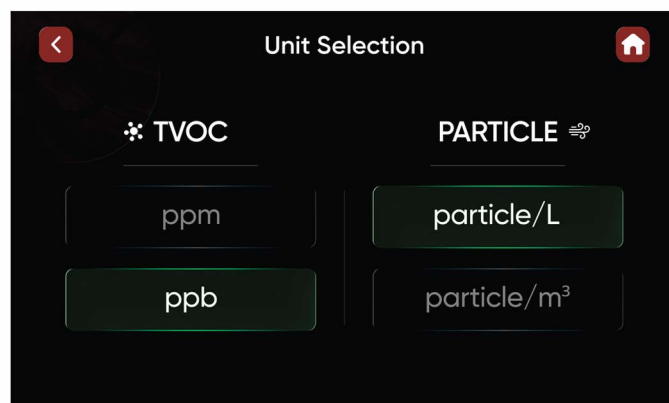


Advanced Particulate Measurement and Display

- PureAir 200 measures and displays particulate matter in real time at particle sizes of 0.3, 0.5, 1, and 5 µm.
- It displays particulate measurements in two different units: particles/L and particles/m³.
- When configured according to the ISO 14644-1 Air Cleanliness Classification, the fan motor speed is automatically adjusted based on the measured air quality to help maintain optimal environmental conditions.

TVOC Measurement and Display

- PureAir 200 is equipped with a sensor that continuously measures and displays the Total Volatile Organic Compounds (TVOCs) present in the environment in real time.
- According to the globally recognized Air Quality Index (AQI), the fan motor speed is automatically adjusted to help maintain optimal air quality.
- It provides the ability to display TVOC measurements in two different units: ppm (parts per million) and ppb (parts per billion).



PUREAIR 200

	Particle	T-VOC
Sensor Feature	Laser scattering	MOX-Based Digital Gas Sensing Technology
Air Quality Classification	ISO CLASS-5, ISO CLASS-6, ISO CLASS 7, ISO CLASS-8, ISO CLASS-9	1 (Excellent), 2 (Good), 3 (Moderate), 4 (Poor), 5 (Unhealthy)
Units	Particles/m ³ - Particles/L	ppm - ppb
Particle Sizes	0.3 µm, 0.5µm, 1µm, 5µm	-

Advanced Air Purification Technology

- Two ISO Coarse (G4) pre-filters, available in 45 mm and 95 mm heights
- Four cylindrical Activated Carbon Cartridge Filters designed to target VOCs
- Equipped with a High-Efficiency Particulate Air (HEPA) Filter of H13 grade

Mains Voltage	220-240 V AC - 50/60Hz
Maximum Power	355 watt
Capacity	1060 m ³ /h
Fan Motor Speed Mode	4-mode
TFT Touchscreen Display	7"
Maximum Noise Level	65 dB
Weight	85.2 kg
Dimensions (D × W × H)	520x660x1786 mm

FILTER SETS

PASA-001	Semi-Annual Filter Set (6 Months)	11RC048001
PAAF-111	Annual Filter Set (12 Months)	11RC048111





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