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AIR quality

DISPLAY / DIGITAL CONTROLLER

OCTOPUS

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- Indoor air quality monitor
  (CO_2, PM1, PM2.5 & PM10, ISO class, concentration per size of particles, total VOC, formaldehyde, temperature, relative humidity)
- Warning of crossing recommended thresholds by colour change
- Ergonomic handle
- Optional anti-theft system

OCTOPUS is a complete indoor air quality monitoring tool. The parameters are easily visible on the large colour touch screen. The data are recorded every minute and stored for up to 1 year. Mains or battery operated, it is easy to carry wherever air quality assessment and monitoring air quality are required.

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MAIN TECHNICAL FEATURES	
Power supply	~120-240 V, 50/60 Hz / 5V - 2.1 A / 10.5 W
Measured parameters	CO_2: NDIR technology with self calibration Measured particles sizes: 0.3, 0.5, 1, 2.5, 5 and 10 µm $_tVOC$: 0 - 1,000 ppb equivalent isobutylen Formaldehyde Temperature Relative humidity
Displayed parameters	CO_2 concentration PM1, PM2.5 and PM10 ISO Class Particles concentration per size $_tVOC$ Formaldehyde Temperature Relative humidity
Overall dimensions	L 126 x l 130 x H 175 mm
Weight	1.2 kg
Screen	3.5-inch colour LCD touchscreen
Battery life	8 to 10 hours of continuous use



- **On/off switch** with safety key.
- Possibility to **lock the touch screen** with a password.
- Switches to **standby mode** to save power.
- **Data recording** via QRcode or IP address.
- **Visualisation of curves** on PC/MAC.

Particle pollution alert

- **PM2.5: green** < 10 µg/m³ - **yellow** between 10 and 20 µg/m³ - **red** above 20 µg/m³.
- **PM10: green** < 30 µg/m³ - **orange** between 30 and 50 µg/m³ - **red** above 50 µg/m³.

CO_2 alert

- **Green** < 800 ppm.
- **Orange** between 801 and 1,600 ppm.
- **Red** > 1,601 ppm.

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