

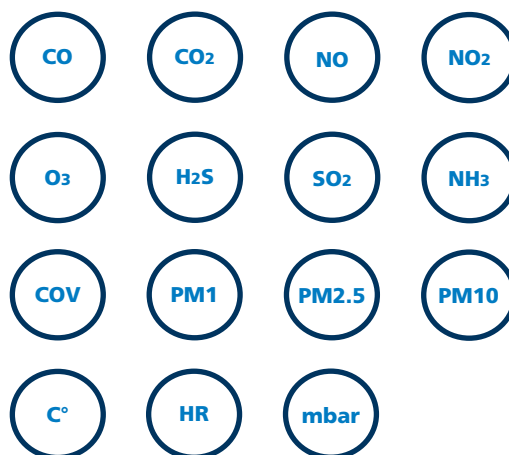
KUNAK AIR Pro

Air Quality Monitoring Station

The KUNAK AIR pro is an air quality monitoring station, equipped with intelligent gas detection cartridges, an optical particle sensor, as well as T°, P and RH sensors. All data can be managed 24/7 via the Kunak Cloud platform. The KUNAK AIR Pro also works on battery powered by solar panel.



- ✓ Rental from one day
- ✓ Technical assistance included



Electrochemical (ECD)

Infrared (IR)

Photo-Ionization (PID)

Optical Particle Counter (OPC)

GAS TECHNICAL SPECIFICATIONS

PARA	RANGE ppb / ppm	RESOLUTION	DETECTION LIMIT	PRECISION
CO	0-12 000 ppb	1 ppb	10 ppb	± 80 ppb
CO ₂	0-5 000 ppm	0.01 ppm	-	± 20 ppm
NO	0-5 000 ppb	1 ppb	2 ppb	± 4 ppb
NO ₂	0-5 000 ppb	1 ppb	2 ppb	± 5 ppb
O ₃	0-2 000 ppb	1 ppb	3 ppb	± 8 ppb
H ₂ S	0-2 000 ppb	1 ppb	2 ppb	± 10 ppb
SO ₂	0-10 000 ppb	1 ppb	3 ppb	± 15 ppb
NH ₃	0-50 ppm	0.01 ppm	0.2 ppm	± 0,3 ppm
VOCs	0-3 000 ppb	1 ppb	1 ppb	± 10 ppb
PM _i	0-1 000 µg/m ³	1 µg/m ³	0.5 µg/m ³	± 2 µg/m ³
PM _{2.5}	0-2 000 µg/m ³	1 µg/m ³	0.5 µg/m ³	± 3 µg/m ³
PM ₁₀	0-10 000 µg/m ³	1 µg/m ³	0.5 µg/m ³	± 4 µg/m ³
T°	-40 à +125°C	0.01°C	-	± 0.9°C
RH	0-100% HR	0.04%	-	± 3% HR
mbar	300-1100 hPa	0.18 Pa	-	± 2 hPa

TECHNICAL CHARACTERISTICS

OPERATING TEMP.	-20 ° C to 60 ° C
OPERATING HR	0 to 99%HR
INTEGRATED SENSORS	T°/RH/Atm. pressure/Dew point
AVERAGE PERIOD	10 sec to 24 hours maximum
SIM	Embedded eSIM and SIM holder
POWER	0.08-1.2W (depending on configuration)
AUTONOMY	24/7 via solar panel/charger
BATTERY	2.9Ah or 26Ah lithium
COMMUNICATION	Multi-band 2G/3G/4G, Modbus RS485 RTU
PROTECTION IP	IP65
PROTECTIVE CASE	PMMA, polycarbonate & stainless steel
DIMENSION	257 x 270 x 225 mm
WEIGHT	< 3.5 kg

KEY POINTS

- Continuous measurement of up to 12 air pollutants and 3 weather parameters
- Real-Time Data Access

APPLICATIONS

- Indoor and outdoor air quality analysis
- Environmental impact studies
- Mobile Air Quality Surveys

For more information

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