



ATMON FL FOR H520 AND H520E



The Atmon FL for the H520 and H520E is one of the lightest mobile air analyzer on the market. It can fly on smaller drones, making it much easier to perform measurements, transport, and reduce the cost of a flying platform.

The device is lightweight (below 300g) and has an aerodynamic shape. Additionally, it has its own power supply, independent GPS coordinate registration, and additional data transmission to the operator.

Variety of sensors

Atmon FL is a freely configurable device depending on customer needs. The entire range includes 14 sensors for which the analyser has 6 slots. The available sensors include e.g. formaldehyde, ammonia, hydrogen chloride, and much more. It is possible to prepare new sensors for a specific substance on request. Additionally, in each basic version, we have access to data such as relative humidity, temperature, atmospheric pressure, position, height, and time.

There are three factory predefined sets: URBAN I and URBAN II for air quality testing, and recently the most popular S.M.O.K. for verification of household chimneys smoke.

Technical Specifications

Dimensions:	Ø of enclosure max 125 mm
Overall device height:	max 115 mm
Weight:	< 300 g
Power supply:	Lithium-Polymer battery, 1S
Work time:	> 5h
Sample collection:	Forced, electric
Reaction time:	< 30 s
Humidity:	20% – 95% RH
Temperature:	-20°C - + 50°C
Pressure:	800 mbar – 1150 mbar
Own communication:	GPS, Glonass, Galileo
Accuracy:	+/-2,5 m
Max range:	1600 m
Compatible platforms:	YUNEEC H520 and H520E

Options:	
SET URBAN I	CO, SO2, NO2, H2S, PM1, PM2.5, PM10
SET URBAN II	CO, SO2, RI, AQ, PM1, PM2.5, PM10
SET S.M.O.K.	NH3, NCI, HCHO, H2S, PM10, PM2.5, PM1, PM 0.5

Contact information

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