



# ALTAIR OSM Kit

## Gas Dryer

ALTAir OSM Kit is a dedicated system designed to control and reduce the moisture content of the sample to be analysed.

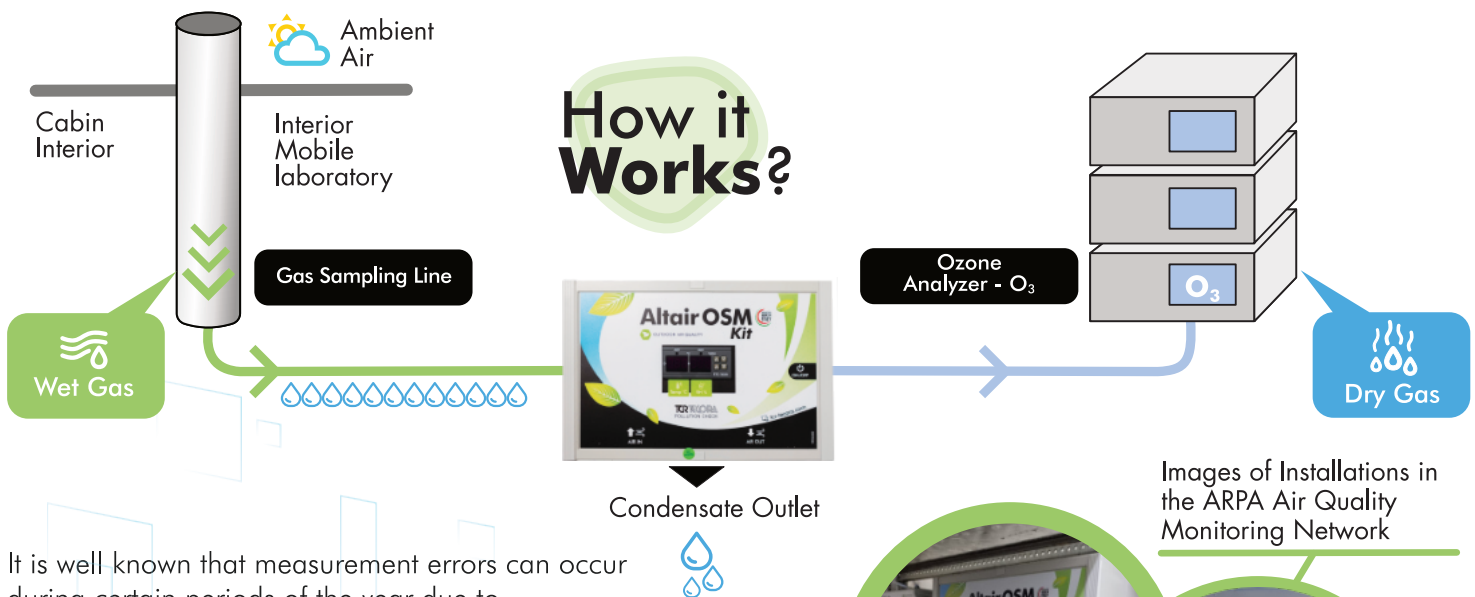
The gas sample, taken from a sampling line, passes through the ALTAir OSM Kit by means of a series connection to the sampling line. Within the system, the sample is dried using OSM technology, and the related parameters are shown on the display.

The sample's humidity concentration and temperature are indicated on the LCD display.



**The ALTAir OSM Kit is compatible with all gas sampling lines.**

It features a connection for 6 × 4 mm PTFE tubing



Images of Installations in the ARPA Air Quality Monitoring Network

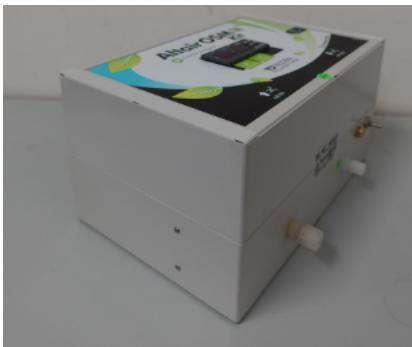


It is well known that measurement errors can occur during certain periods of the year due to condensation in the analyzers' sampling line.

In some cases, the measured values can be up to 50% lower than the actual concentrations.

The OSM Kit prevents uncontrolled condensation, ensuring accurate measurements.





### TECHNICAL SPECIFICATIONS

Maximum Flow	2l/min
Dryer Pump	Membrane
Maximum Efficiency	Dew point reduction of 10°C at Tamb = 25°C
Set Point	Configurable RH set points for activation, shutdown, and alarm threshold
Temperature	-10 ÷ +50°C (resolution 0.1°C)
Relative Humidity	1 ÷ 99% (resolution 0,1%)
Data/Export	Modbus protocol

25°C Ambient Conditions

