

## MAQL

he Mobile Air Quality Laboratory (MAQL) is the first of its kind on the Maltese Islands. Run by a team of geoscientists at the University of Malta, the MAQL can assess the quality of the air by continuously monitoring particulate and gaseous air toxics.

finer particles (PM, and PM, ) are usually the most dangerous respirable fraction but the instrumentation checked are sulfur dioxide, oxides of nitrogen, carbon

much pollution in our environs because of all the cars

outside our window? Or is it because of the new sofa the family next door just bought? Or perhaps it is a result of the redecoration the building down the road recently underwent. Such data is vital for scientists to be able to measures for the general public.

The MAQL facility will help scientists develop a clearer picture of the indoor air quality across





## **QUICK SPECS**

- Power consumption (including cooling system):
- Particulate limit of detection: 1 ug/m³
- VOCs measurement frequency: 1 sample/30 minutes

- Gaseous pollutants measurement frequency:
- Gaseous pollutants limit of detection: < 0.5 ppb
- Cost: €0.60 million