

Kontram OS-Ambient Air Monitoring Station

The next generation network of ambient air monitoring stations

Kontram Ambient Air Monitoring Stations are designed and engineered to be easily transported anywhere in the world. Three measurement containers can fit in one standard-sized 40ft seaworthy container.

Solution is built on Kontram's OverSight™ IIoT-platform. Kontram OverSight™ provides automated measurement control, reporting and predictive maintenance solutions all-in-one. Kontram's professionals use it to provide customers unique services from remote health checks to periodical emission reports.

Our scalable solution is super easy to be put in use. The only thing our customer needs to do is to provide us a level space and electricity for the station. Kontram's engineers will commission the station for you.

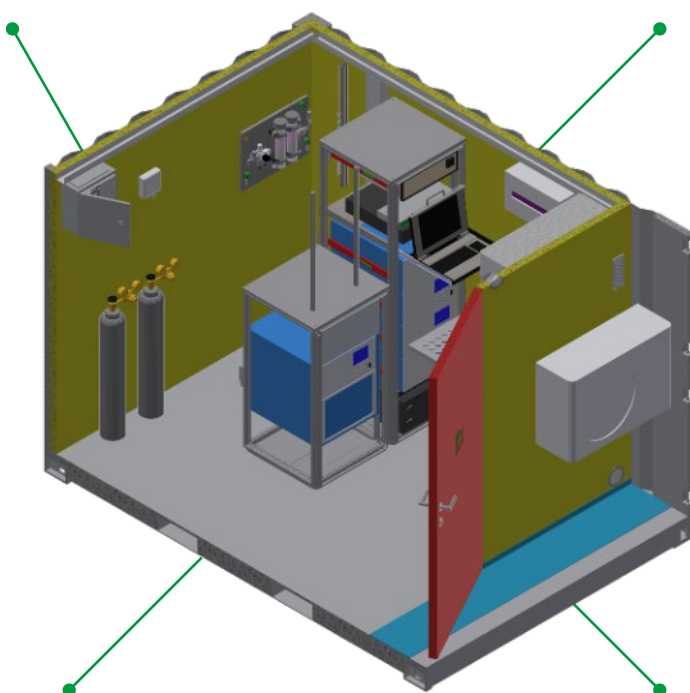
Our long, over 50 years of experience with analyzers and the advantages of digitalization and modern high-end technology comes together in this engineering masterpiece. Never has reliable ambient monitoring been this easy.

In order to maximize the stations performance, we have integrated our own IIoT-platform - Kontram OverSight™ - into the system. To gain full advantage of the modern technology we are constantly monitoring stations internal diagnostics and events of the system. Remote access is the key to support our customers all around the globe.



Insulated and air conditioned to suit the destination country's climate

Three stations can fit into one 40ft container for shipping



Customer only provides foundation and electricity to the site

Integrated zero air supply

Thermo Fisher Scientific analyzers are EN15267 certified by TÜV

We have been delivering our reliable ambient air measurement stations alongside with Thermo Fischer Scientific to our customers for over 30 years

When you choose Kontram as the supplier of your ambient air measurement station, you will receive, in addition to a top-quality equipment package:

- ✓ **Project design and documentation**
- ✓ **Readiness for remote support**
- ✓ **Factory Acceptance Tests**
- ✓ **Commissioning and training**
- ✓ **Comprehensive service packages**

For more information, please visit:

www.kontram.fi/en

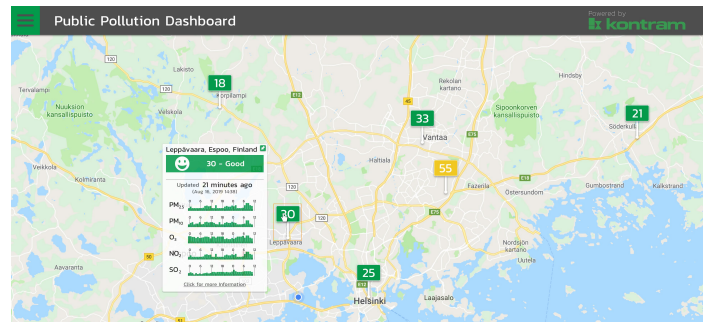
Power requirements	3-phase 400/230V cabling: 3L+N+PE, 3x16A or 3x20A depending on climate
Physical measures	2991 x 2200 x 2250 mm (L x W x H) (height doesn't include sampling probe)
Weight	1500-2000 kg depending on options and measurements
Demand for foundation	Concrete slab 3000 x 2200 mm or pile to each container corner
Selectable measured components	CO, NO, NO ₂ , O ₃ , SO ₂ , TRS, PM10 and/or PM2.5
Ambient temperature range	-35 °C ... +45 °C *, container is insulated and air conditioned
Compliances	CE Analyzers EN15267 certified
Interfaces options	Public Screen, Web site

Options:

*Winter package	Includes extra heating package for the container and coldest weather air conditioning, required with ambient temperature lower than -15 °C (If lowest temperatures are lower than -20 °C, we recommend extra insulation done at site by the customer)
Weather station	Includes e.g. Wind, Temperature, Humidity and Pressure measurement
Data Integration	API for data to be transferred to third party solutions.

Reporting software has clear and visual way of presenting data and results. With just one look on your screen you can pick up

- ✓ Overall picture of the air quality
- ✓ Status of each station
- ✓ Measurement results
- ✓ Pollution trends



We are one of the leading solution providers for environmental measurement technology in Finland

We deliver reliable and technologically innovative devices and assemblies to the Finnish industry and export in the fields of automation and measurement technology. Our goal is always to find and produce solutions for our customers that will enable to improve their profitability, ease their work, and continue to produce value for their own customers.

Our business is based on customer-oriented sales and on professional sales personnel, as well as on an efficient logistics environment. Our goal is always to develop long-term cooperation agreements with customers, principals and staff.

In addition to product sales, our extensive and professional technical service team helps our

customers with spare parts, maintenance, commissioning, training, and project management.

Kontram's Quality Policy

Since 1998, Kontram Oy has been a quality-certified company and complies with the ISO9001 quality standard.

Our values Desire to Win, Open Communication, Reliable service and quality, Long term productivity and growth, Respect of people and their work.

Our mission is to be present in our customers' everyday life and together build the industrial future.