

TH-2000-AQI Micro Ambient Air Monitoring Station

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A compact modular station for real-time monitoring of gaseous pollutants, particulate matter and meteorological parameters.

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Integrated ambient air and meteorological monitoring

TH-2000-AQI is a micro ambient air monitoring station that combines gaseous-pollutant sensing, particulate measurement and meteorological sensors. It provides real-time data for local environmental observation and pollution assessment.

The modular system includes sensing, power management and wired or wireless communication functions, with a 7-inch touchscreen for current and historical data. Monitoring factors and communication methods are selected according to the site and project requirements.

Technical data

Sampling method	Pump
Documented pollutants	PM2.5, PM10, SO2, NO2, CO and O3; installed sensors depend on the order specification
Meteorological options	Temperature, humidity, atmospheric pressure, wind speed, wind direction, precipitation and illuminance
Additional monitoring options	Other gases, noise, solar radiation and radiation monitoring can be configured for the project
Enclosure maintenance requirement	Maintain enclosure sealing to IP55 or higher; this is a maintenance requirement, not a product certification claim
Sampling-pump maintenance check	Verify pump flow within the documented 1.5-2.5 L/min maintenance range

Communication and positioning options

Interface	Availability	Notes
4G	Optional	

Document scope

This summary records the approved model data shown on the product page. It is not an operating manual, installation approval or certificate. Review the applicable certificate record and exact model or configuration scope separately. Request the operating instructions for the supplied configuration before installation or use.

Product information and inquiry: <https://www.eranttex.com/products/th-2000-aqi/>