M1400 and M3200

Accessories for eNose and IOMS Monitors

Sensigent acessories enhance the performance, capability, siting and installation of your **MSEM™ 1400 eNose®** or **MSEM™ 3200 IOMS** instrument. Contact Sensigent for information and pricing.

Sensigent **Weather Stations** provide direct measurement of local meteorological conditions for temperature, humidity, pressure, wind speed and wind direction. Weather data is reported to the MSEM user interface for quick review and log files are retrieved via the MSEM Cloud app. Data input to the **AERMOD** dispersion model projects the change in odor intensity (OU/m3) and concentration (ppm) of malodor and pollutant compounds downwind from the source. Weather stations include mounting bracket and cabling to your MSEM instrument.

Sensigent **CAL-Kits** provide the gases, regulators and supplies needed to perform verification tests ("bump" tests), calibration checks and re-calibration of the chemical sensors in the MSEM 1400 eNose® and MSEM 3200 IOMS instrument. The MSEM **CAL-Kit** includes isobutene and standard gases for malodors, aromas, pollutants or your custom configuration. Use the CAL-Kit for quick checks of the performance of your MSEM instrument or to update the calibration of specific sensors as needed. Re-calibration requires close adherence to the factory test protocol.

Sensigent **Solar Kits** are turnkey solutions for powering MSEM odor and chemical monitors at any location. Solar kits (panel, charge controller, battery, mounting bracket) are standard for the MSEM 1400 eNose and optional for the MSEM 3200 IOMS. Panels are sized for the local conditions, typically 50W to 200W. Connection to local AC power (street lights, car parks) is also available for the MSEM 1400 via the included adapter kit.

Atmospheric Dispersion Models for downwind projection and tracking of chemicals (ppm) and odors (OU/m3) are made automatically with the **AERMOD software package** from Sensigent. AERMOD is the leading steady-state Gaussian dispersion model for accurate estimation of chemical and odor plumes from local sources to the fenceline and beyond. This extends the capability of the MSEM 3200 IOMS and networks of MSEM 1400 eNose instruments to cover wide areas inside and outside of the monitor network. Contact Sensigent for more information.

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