

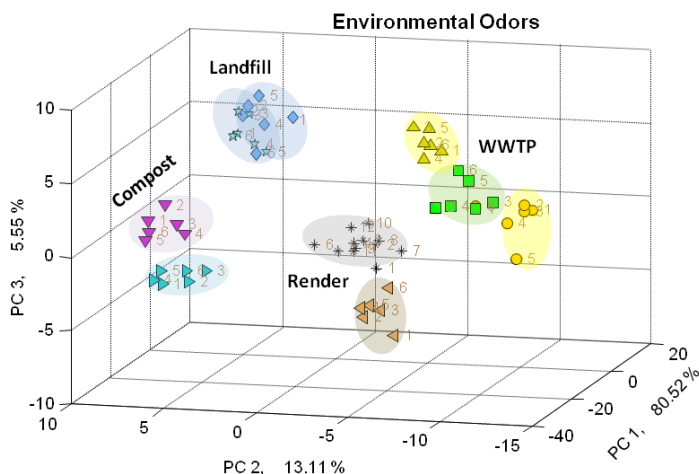
# MSEM™ 3200

## Fixed-Site Multi-Sensor Environmental Monitor

For over 15 years **the Sensigent team** has produced electronic nose instrumentation for odor and chemical measurement, starting with the worlds' first handheld **eNose®**, the **Cyranose® 320**. Sensigent's proprietary sensor and data fusion software technologies are backed by **60 patents** in the US and worldwide.

The **MSEM™ 3200** Multi-Sensory Environmental Monitor uses advanced electronic nose **eNose®** instrumentation, software and wireless communications to provide continuous 24/7/365 chemical and odor monitoring. Typical installations are petroleum refining and storage, asphalt production, incinerators, composting, landfills, paper mills, smelters, foundries, rendering, waste water treatment, animal feed lots and other odor-generating facilities.

**MSEM™ 3200** uses Sensigent's patented **eNose®** electronic sensor array and multi-sensor data fusion technology to combine data from multiple sensors, enabling measurement of specific gases (ppb-ppm) and odors (OU/m<sup>3</sup>). The **MSEM™ 3200** combines up to 32 individual sensors including proprietary nanocomposite sensors (NCA), electro-optical sensors, infrared (NDIR or FTIR) or ultraviolet (UV) sensors to provide industry-leading performance for odors and chemicals. Configurations of the sensors may be customized for the monitoring requirements and budget of each installation



### Key Features and Benefits

- **eNose®** odor calibration (OU/m<sup>3</sup>) per international standards (EN, ASTM)
- Odor and chemical sensor input to plume monitoring/tracking software
- Continuous 24/7/365 odor and chemical monitoring and data logging
- Dedicated RF uplink (2.4 GHz) per EU standards. 900 MHz and GPRS options available
- 100-240 VAC line power or solar power for remote locations
- Field-replaceable air filters extend sensor performance in harsh environments