

Takasago International Corporation (Headquarters: Ota Ward, Tokyo) is Asia's largest global fragrance company based in 24 countries worldwide. Founded in 1920, under its corporate philosophy "contributing to society in accordance with the technical standpoint," it continues to develop cutting-edge research as a leading company in the flavor industry, and it supports the competitive brands of companies worldwide.



Background to introduction of RQ BOX

Hiratsuka factory (Hiratsuka, Kanagawa Prefecture), which also has an R&D division of Takasago, is a manufacturing facility specialized in blend of flavor and fragrance. Although dealing with hundreds and thousands of raw materials, it faces residential neighborhood across the street. Therefore, the factory has advanced odor control measures earlier, promoting "zero odor complaints from local residents" as the most priority for ISO/Environment.

At any point in the factory: manufacturing, wastewater treatment facilities and waste storage site, the Hiratsuka factory took odor control measures such as prevention of odor leakage and deodorizing measures of its own, and it conducts odor patrolling by an employee three times a week. In order to do rapid care for neighboring residents, however, real-time odor monitoring was required.



Under such circumstances, as an efficient solution for its odor control measures, Takasago decided to introduce Alpha MOS RQ BOX which can quickly detect the odor impact along the way by the odor dispersion prediction map based on topographic and meteorological data.



Use after Introduction

In Takasago's Hiratsuka factory, 2 RQ BOX modules are installed: one in the odor generation source and the other in the site boundary. On the computer in the factory, the manager and staff can always see the real-time odor information from those two different places.

Near a RQ BOX body, a vane anemometer is installed. From the odor dispersion map in conjunction with the weather station, they can confirm the odor source and predict odor dispersion to take odor control measures in advance.

Future plan

"Odor-free project" which started in 2009 is a 3-year plan to work on measures for odor control, improvement and inspection of odor source, odor prevention measures, and a challenge "not to let off" odor from the factory.

Hiratsuka factory in Takasago will continue to be a state of the art site in the manufacture of flavor, and yet will continue to strive every day for its continued coexistence with neighboring residents.



[Website of Takasago International Corporation](http://www.alpha-mos.com)