

World leader in gas sensing innovation

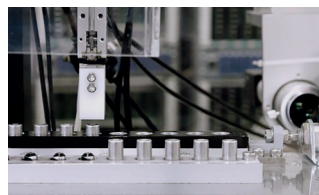
Leveraging over 50 years of expertise, Figaro Engineering offers a wide array of gas sensor products for the detection of explosive and toxic gases, as well as air quality sensors.

Since its founding, Japanese gas sensor manufacturer Figaro has been at the vanguard of gas sensors, beginning commercial production of the world's first semiconductor type gas sensors in 1969, while the company continues to lead the way in top-class reliable gas sensors. As company president Toshihiro Udaka explains: "We understand the critical nature of our products that ensure the user's safety. Even low defective rates wouldn't be considered acceptable in Japan, and this rigorous Japanese approach to quality and defects is what distinguishes us."



Office

Figaro's combustible gas sensors are widely used for residential and RV gas detectors in Japan, the U.S.A., Europe, and many Asian countries. The Japanese firm also supplies a variety of air quality sen-



Factory

sors to home appliance, HVAC, and automotive industries around the world; while its industry-leading electrochemical CO sensors have earned the company almost 50% of the global market share.

Figaro's TGS8000 Series is developed by combining its extensive expertise in gas sensing materials with MEMS technology. Their new MEMS type methane sensor has some of the lowest power consump-

tion in the world, while the ultra-compact size of its new CO sensor allows for a wider range of applications with flexibility in gas detector design. These new products can facilitate their usage in battery-operated gas detectors that can be installed anywhere without the limitation of a main power source, bringing gas sensors into the age of IoT and ICT. With indoor air control becoming a priority for customers, Figaro's CO₂ sensors act as indices of ventilation and can help ensure buildings comply with regulations on CO₂ levels.

With a vast distribution network reaching 49 countries and production facilities in China, Figaro is creating safer and more comfortable environments across the world, allowing its customers to relax knowing that industry-leading technology is protecting them.



Toshihiro Udaka, President
& Representative Director,
Figaro Engineering Inc.



Gas Sensors

FIGARO
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