Invented for life

Bosch Optical Gas Spectrometer

Experience the future of gas analysis with our compact Raman-based Bosch Optical Gas Spectrometer (BOGS). It enables you to detect a wide range of gases at a glance and is ready for hydrogen and natural gas applications.

BOSCH

Raman-based multi-gas analysis

of molecular-based gases

H_2 N_2 O_2 H_2O CH_4 others

Plug & measure

Inline and at high pressure in real-time (w/o sample extraction and carrier gas)

ES France - Département Bio-tests & Industries
127 rue de Buzenval BP 26 - 92380 Garches
Tél. 01 47 95 99 90
e-mail : bio@es-france.com
Site Web : www.es-france.com

Features:

Fast & accurate: Measurements within 10 s, up to 1 min at a detection rate under 100 ppm

Inline operation: Up to 40 °C and 40 bar

Easy data analysis: With our BOGS software

Emission free: No emission of the analyzed gas due to inline measurement

Cost-effective: No carrier gas required

Small size: 19-inch rack design compatible, In/Outlet interface ½ inch

Applications:

Natural gas

Gas matrix: C_1-C_4, C_5*, C_6+*, N_2, O_2, CO_2, H_2

Use cases: Natural gas composition
Gas-to-Power
*coming soon

Hydrogen

Gas matrix: H_2, O_2, N_2, H_2O

Use cases: Fuel cell development & production
Electrolyzer development & production
H_2-Sensor reference

Your gas mix?

Gas matrix: Your gases

Use cases: Your application, your analytics

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