



GS One Analyzer™

Applus+ Technologies is a leader in developing, implementing and managing innovative technology and system solutions that enable customers worldwide to address their business and environmental challenges.

In the area of monitoring technologies, Applus+ offers a full line of gas analyzers and smoke meters for both domestic and international applications. Applus+' equipment is widely used to evaluate and document compliance with environmental standards, assess potential impacts on the health and safety of employees and customers, and improve fuel or operational efficiency of equipment.

The Applus+ GS One Analyzer™ is designed to meet the needs of customers requiring both smoke and gas detection capability. Our integrated solution combines the latest smoke and gas detection technology into a single modular and user-friendly package.

With the GS One Analyzer™ customers benefit from reduced costs and increased workforce efficiencies. The costs of separate sets of equipment, cables, power sources and software devices is eliminated and test times are reduced by 33-to-50 percent compared to two separate, sequential gas and smoke analyses.

Specifically designed to withstand extreme environmental conditions, the GS One Analyzer™ is housed in a sealed, secure case and paired with a rugged, portable hand-held PC device that provides data transfer and wireless operation of both gas and smoke software.

The GS One Analyzer™ collects a large amount of data that is easily integrated into an overall data management and business intelligence infrastructure. The unit is flexible and can be customized to test different kinds of combustion or ambient air monitoring for various industrial settings.

While compact and cost-effective, the GS One Analyzer™ delivers all of the capabilities and benefits of the full line of Applus+ gas analyzers and smoke meters. The unique software platform allows users to easily adjust test sequences, test lengths and convert results from US to European measurement units.



GS One Analyzer™

Gas Meter Capabilities

- Tests for HC, CO, CO2, O2, NOx, Air Fuel and Lambda
- BAR 97, ASM, OIML Class 1 and BAR 90 accurate
- Unique float system prevents damage to the analyzer should the exhaust sample probe land in water
- A zero air port helps guarantee accurate emission readings and resets the gas analyzer to zero without having to remove the sample probe from the vehicles exhaust pipe
- A demo/training mode for training Technicians is included
- A sampling hose and probe is included and equipped with quick disconnects

Smoke Meter Capabilities

- Measures diesel smoke in both percentage and density (m-1, K)
- Meets US and Canadian SAE J1667 specifications for testing heavy-duty vehicles and can be customized to meet the opacity measurement requirements of PTB in Germany or MOT in the UK (ISO 3173)
- Includes telescopic pole for effortless installation of the smoke head in the vehicle's exhaust stack

Hand-held PC Functionality

- Adjustable time between readings for driving profiles and detailed diagnostics
- Contact manager simplifies storage and retrieval of customer's names and phone numbers
- Historical data storage allows subsequent testing for diagnostics or comparison of previous results
- Full BAR 97 specification database to enable easy comparison of test results to pass/fail limits
- Bluetooth/802.11 enabled
- User friendly menus and buttons simplify operation
- Provides real time graphing of gases so trends in gas data can be easily detected
- Automatically and continuously removes water from the vehicle's exhaust as the analyzer runs, which eliminates frequent purging
- GS One Analyzer™ is manufactured by Applus+ AutoLogic, a division of Applus+

