

OUTSTANDING

Latest-generation controller for those
who value prestige and reliability



STAG-300
premium

Highest quality – leader in the field
of Auto Gas controllers



STAG
autogas systems

Autogas system recommended for modern cars

STAG-300
premium

STAG-300 premium is a modern, fourth generation sequential gas injection controller. It is recommended in particular for new cars equipped with modern drive units.

STAG-300 premium is also recommended to those who take pleasure in fast and dynamic driving. State-of-the-art, technologically advanced engines utilising a number of electronic subassemblies are extremely delicate and sensitive to any disturbances to factory set operating parameters. Therefore, gas systems installed in such engines must ensure perfect cooperation with the vehicle's computer.

STAG-300 premium is the first controller on the market which ideally synchronises the operation of the Autogas system with the petrol computer parameters. The gas injection controller is fully compliant with the technological requirements of modern engines.

Gas injection, in systems equipped with a STAG-300 premium controller, is always done in full accordance with the petrol computer parameters, as well as the actual operating conditions and engine load. The fuel mixture is not only influenced by the information of the petrol injection time (like in other Autogas controllers), but it is also strictly adjusted to the current corrections of the petrol controller. Consequently, a gas-powered engine is always ideally coordinated with a petrol engine.



Comfort and convenience

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STAG-300 premium, ensures comfortable, dynamic and economical driving within the full scope of parameters guaranteed by the car manufacturer. By adjusting gas injection to the current corrections of the petrol controller, STAG-300 premium decreases the risk of defects related to inaccurate manual calibration of the system. A system equipped with STAG-300 premium is ideally controlled and does not require frequent servicing.

STAG-300 premium is manufactured using the latest technological solutions and utilizes the highest quality electronic components. The controller is also equipped with innovative software featuring several useful functions. The modern engineering makes the STAG-300 premium the most technologically advanced and the best Autogas controller available on the market today.

STAG-300 premium is recommended for those who frequently use their cars on long-distance journeys, towing trailers and boats. Standard controllers may signal errors and require adjustment each time operating conditions of the gas system deviate from the parameters set during installation. Changes in the operating conditions of the system may be determined by gas quality and the mixture percentage content (which differs in each country) or weather conditions (pressure, temperature, humidity and air density).

Due to Smart Autocorrecting System SAS, only STAG-300 premium is able to fully synchronize with the petrol computer settings and perfectly adjust gas injection parameters to variable driving conditions and engine loads.



Advantages

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Advantages of the sequential gas injection controller STAG-300 premium:

- P** maintains key engine operation parameters: power, torque at the level similar to petrol-powered engines,
- P** permanent connection to the vehicle's OBD without interference to the OBD system, allowing connection of testers, diagnostic equipment etc.,
- P** STAG-300 premium lowers the risk of defects related to inaccurate manual calibration of the system,
- P** separate BANK 1 and BANK 2 adjustment (possibility to program gas injectors belonging to BANK 1 and BANK 2),
- P** meets the requirements of the exhaust emission standard Euro 5,
- P** 3 year manufacturer guarantee.



Top-quality of subassemblies and materials used

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Technical specifications

- P** STAG-300 premium is a new generation controller equipped with a Smart Autocorrecting System SAS. The system constantly monitors long-term and short-term STFT and LTFT corrections.
- P** STAG-300 premium using STAG-OBD ADAPTER, communicates with OBD II and EOBD car systems (not only CAN) which, apart from standard parameters, allow reading ECU corrections.
- P** STAG-300 premium uses plug and drive and user-friendly technology making it very easy to install and operate.
- P** After first calibration during installation, STAG-300 premium adjusts automatically in real time during normal use of a car. It ensures that the LPG/CNG-powered engine works invariably within the scope of its optimal default parameters just as the petrol-driven engine.
- P** The controller is designed for all cars equipped with 1 to 8 cylinders petrol engines. The petrol injector's emulator built in the controller is complete with a Europa/Bosch type plug. STAG-300 premium is compatible with AcGasSynchro software.



STAG-300 premium is sold in a set called Minikit. The Minikit includes Valtek injection rail type 34, OMFL REG-FAST, Hana 2000 or new AC rails: W01 and W01BFC. The new AC rails are characterized by quick reaction to the injection signal which allows precise gas dosage within the entire operating range of engine.

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For systems equipped with STAG 300 premium controller we recommend using the rail and reducer made by AC SA



Rail ACW01 or ACW01 BFC



Reducer AC R01



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