



STAG-4 QBOX PLUS



**modern and compact
autogas controller**

STAG-4 QBOX PLUS controller for sequential autogas injection has been designed for vehicles with 4-cylinder engines with indirect injection. The unit is provided with all the functions of the proven controllers of STAG-4 and STAG-300 lines, what guarantees versatility and high quality. The new controller is equipped with an integrated OBD adapter and an optimized auto-adaptation assistant (ISA2).

Improved self-adaptation based on ISA2 ensures the following:

- dedicated ISA2 correction map independent of the rpm correction for injection times,
- precise acquisition of the reference petrol injection timing map at 1 kPa accuracy, with allowance for engine warm-up status,
- exact identification of open and closed loop modes for engine operation.

Additionally, it combines the traditional approach to gas dosage correction based on the reference petrol injection time map with the information acquired from the onboard OBD diagnostic systems so the control can be even more responsive to changes in mechanical components of the system and changes in the strategy of fuel dosing by the petrol ECU during system operation.

***The extended OBD reading options enable the viewing of all parameters accessed through the onboard OBD2/EOBD diagnostic system (e.g. wide-band oxygen sensor, mass air flow sensor, short-term and long-term corrections, etc.), as well as reading and deleting any saved and pending faults.**

Benefits:

- new ISA2 self-adaptation assistant
- integrated OBD adapter
- support for CAN and K-LINE compliant with OBD2/EOBD
- extended options for OBD* reading
- connection to the LED 401 switch with 3 wires
- modern design
- hardware platform based on a 32-bit microprocessor dedicated for automotive solutions
- wide range of operating temperatures allowed (-40°C +125°C)