



EuropeGAS

PRODUCT

CATALOGUE
2017

EuropeGAS

The company was founded in Białystok where the headquarters, manufacturing plant and R&D department are located. We engage in designing and manufacturing LPG/CNG systems for petrol-fuelled and Diesel-fuelled engines, with the systems featuring such components as: electronic gas injection controllers, reducers, injectors, filters, MAP sensors, thermoplastic tubes as well as other accessories used for vehicle's LPG/CNG conversion process.



Experience on the LPG/CNG market

We pay a great deal of attention to user experience, specifically in workshops where quick, simple and intuitive assembly is of utmost importance. The way our products are designed, including the firmware and accessories, makes it possible to achieve higher standards when fitting our LPG/CNG systems. The software running in our controllers is automatically updated via the Internet, giving workshops access to its latest version.



EuropePLAST

Our headquarter is located in Ełk. Here, we develop and implement new solutions in the field of high-pressure synthetic wires. Flexibility and high strength make our wire perfectly replace copper wires.



Research & Development

EuropeGAS team not only has wide knowledge and experience, but also hi-tech production machines, advanced laboratory responsible for studies and development, and fully equipped garage where all the LPG/CNG testing and conversion are made.



LPG/CNG systems manufacturer

Economy and eco-friendliness are features that auto gas fuel systems are usually described with. As a manufacturer of FRONT KITS, we can easily add to that reliability, robustness and safety, ensured by our engineers on all stages: from the idea through deployment to end-user experience.



Quality

Operating in the automotive industry, we set ourselves a high target in both terms of quality and innovation of proposed solutions. Products of EuropeGAS undergo more stringent tests than those required by approvals, so our LPG/CNG systems are a perfect solution in extremely difficult conditions.



EuropeGAS complete installation set

EG SUPERIOR 48.4

EG SUPERIOR is the most technologically advanced line of EG controllers. It is the effect of longstanding observations, experiences and studies made by EuropeGAS Research & Development Department.



EG MAP SENSOR

LPG/CNG pressure and temperature sensor type ABS400KPA flooded with epoxy resins, which gives 100% robustness and increases mechanical vibration and overload strenght.



EG SUPREMO 270 HP

EG SUPREMO reducer is designed for the cars with high power engines. **Cut-Off Block** System eliminates gas overgrowth effect during engine braking. Its design provides appropriate gas temperature even in extremely low outside temperatures.



EG SPINNER

EG Spinner is an innovative gaseous phase filter with an universal replacement cartridge. The system of DSF – Double Spin Force provides even better efficiency to separate oil fractions and other particulars. Rotative nozzles allow to mount the filter anywhere inside the engine compartment. The set includes mounting bracket.



EG SWITCH

Fuel changeover switch located inside the vehicle's cabin allows fuel type change anytime. LEDs located on its top part informs end user about amount of fuel left in the tank.



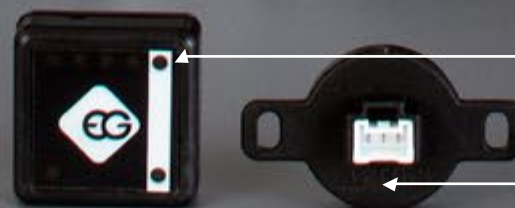
EG2000

LPG/CNG injector EG2000 are solenoid valve-shaped fuel injectors. High quality of each injector and 1,9 Ohm coil guarantees that gas is being dosed with high precision and repeatability in every injection cycle. Replaceable precalibrated nozzles allow to adjust the flow of the injector which enables to use it in various engines with wide range of generated power.

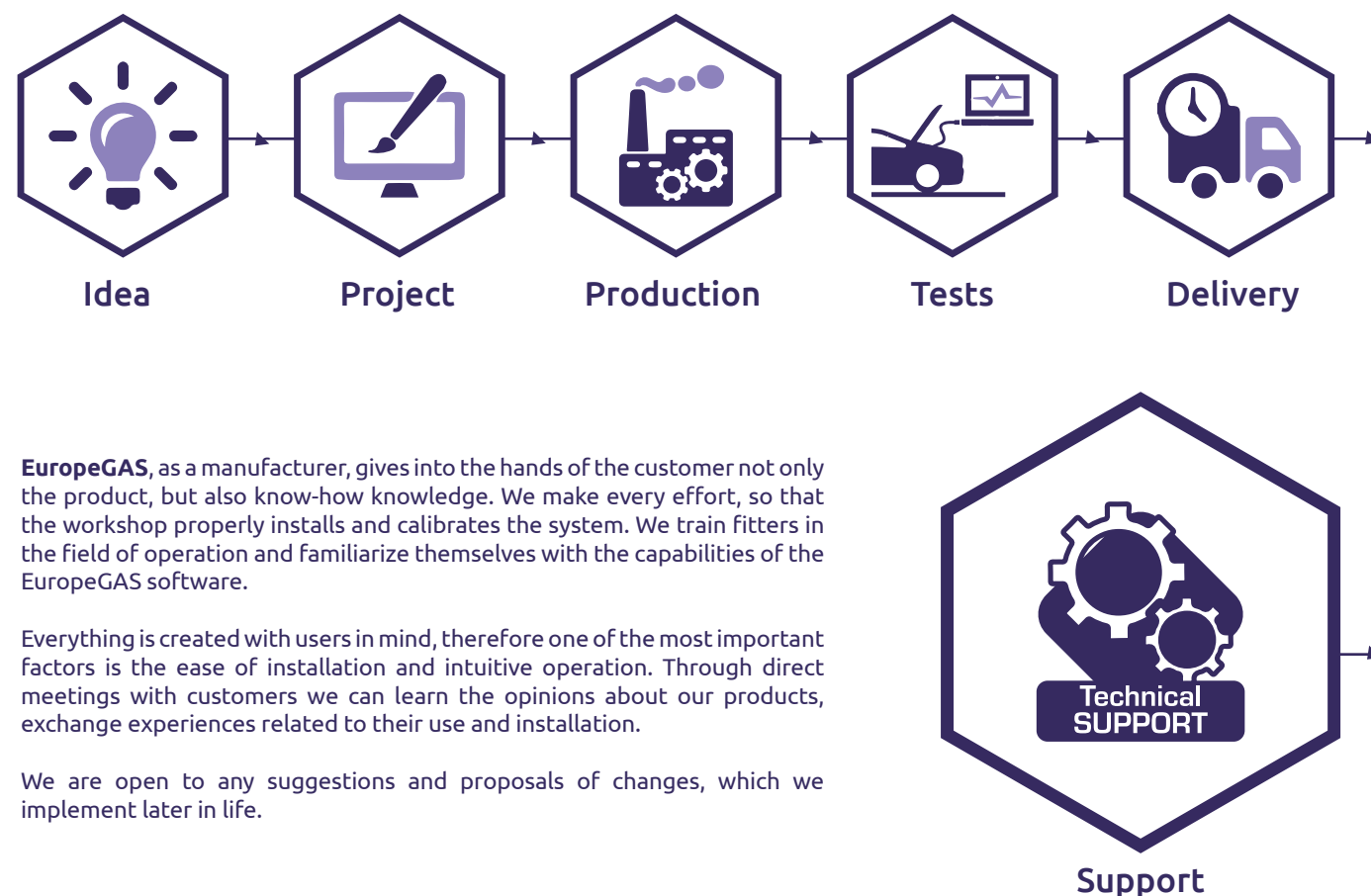


EG HLS

Contactless gas level indicator with a linear voltage output (Hall effect sensor type). Assembled without usage of mechanical parts (better reliability and endurance). More precise gas level indication comparing to standard resistive type sensors.



Technical support



EuropeGAS, as a manufacturer, gives into the hands of the customer not only the product, but also know-how knowledge. We make every effort, so that the workshop properly installs and calibrates the system. We train fitters in the field of operation and familiarize themselves with the capabilities of the EuropeGAS software.

Everything is created with users in mind, therefore one of the most important factors is the ease of installation and intuitive operation. Through direct meetings with customers we can learn the opinions about our products, exchange experiences related to their use and installation.

We are open to any suggestions and proposals of changes, which we implement later in life.

Trainings

The Technical Support and Training Department, together with the distributor, organizes periodic trainings throughout the world. We treat it as a kind of investment, since a properly trained fitter is the showcase of the EuropeGAS company.



Efficient



SSANGYONG LPG

LPG system with no loss of the warranty!



LPG

Dedicated LPG system for SsangYong Tivoli, XRV and Korando with petrol versions of the engines.

SSANGYONG
XRV

SSANGYONG
TIVOLI

SSANGYONG
KORANDO



Beginning of cooperation

The cooperation between EuropeGAS and SsangYong Motors Polska began in early 2016. The showroom of SsangYong Autoserwis Ksiezyno is located near Bialystok and is connected to the authorized car service center of EuropeGAS.

The cooperation with SsangYong Motors Polska has resulted in the development of the LPG system dedicated to petrol models of SsangYong Tivoli, XRV and Korando. Our LPG kits are available at all dealers of SsangYong in Poland. The petrol supply system by EuropeGAS is covered by the warranty for **5 years** or **100 000 km** mileage.

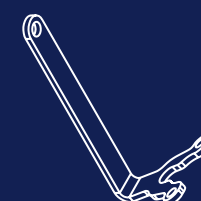
We guarantee marketing support to the dealers in the field of preparation of information materials concerning dedicated LPG systems, as well as leaflets, posters, banners, showroom branding, graphic designs and car wrapping.



What distinguishes us?



Aluminum housing with the connector of the Molex Automotive type, meeting the IP65 class. The in-built ventilating valve prevents deposition of moisture in the driver.



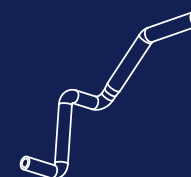
Dedicated handles for the reducer, filter, driver and injection rail allow the installation to factory bolts and handles.



Dedicated beam of the Plug&Play type, which does not require the interference of the fitter. All connectors are terminated with plugs. The only soldered connection are two wires to the OBD connector.



No need for drilling the intake collector in the system for the Tivoli and XRV models (dedicated stands for petrol injectors).



Profiled EPDM wires for the cooling system in Korando, Tivoli and XRV. This is eliminated by the cut of original wires of the vehicle.



Remote technical support via the Internet within the program.



Built-in OBD vehicle parameter reader.



The warranty for 5 years or 100 000 kilometers mileage for the entire gas system by EuropeGAS.

Innovative



EuropeGAS controllers comparison	EG BASICO 24.4	EG AVANCE 32.4 /48.4 / 48.6 / 48.8	EG SUPERIOR 48.4
External dimensions [mm]	110x91x32	120x99x36 / 124x150x38	124 x150 x38
Connector [PIN]	24	32 / 48	48
Housing	Composite	Composite / Aluminum	Aluminum
Number of cylinders supported	4	4/6/8	4
Optimized extra petrol injection	•	•	•
Automatic software updates	•	•	•
Remining of installation service inspection	•	•	•
Bluetooth and WiFi connection supported	•	•	•
Active Diagram Mode-interactive calibration mode	•	•	•
Automated tuning by pressing the switch buton without need of establishing connection with the PC	•	•	•
Automatic adaptation of multiplier	•	•	•
Calibration assistant	•	•	•
Sound signaling when system errors occur	•	•	•
Continuous maps collection	•	•	•
No need for connecting the RPM wires	•	•	•
Incorporated Remote Support assistant	•	•	•
No need for connecting the +12V ignition key wire	•	—	—
Possible to connect to lambda sensor(s)	0	1/2	2
Ability to lock ECU after a certain period of use	—	•	•
Disengagement control of the fuel pump as a function of time	—	•	•
Engine load test (road dyno, measuring power and torque)	—	•	•
Programmable change of the injectors order	—	•	•
Oscilloscope of petrol and gas injection signals	•	•	•
Start&Stop system supported	—	•	•
Valvetronik system supported	—	•	•
OBD protocols autodetection	—	•	•
Automated OBD errors erasing	—	•	•
Fast changeover to LPG/CNG	—	•	•
Customizable function of holding the button	•	•	•
Automated forced start on gas	•	•	•
Pre-heating of LPG/CNG injectors	—	•	•
Built-in Timing Advance Processor	—	—	•

Stable



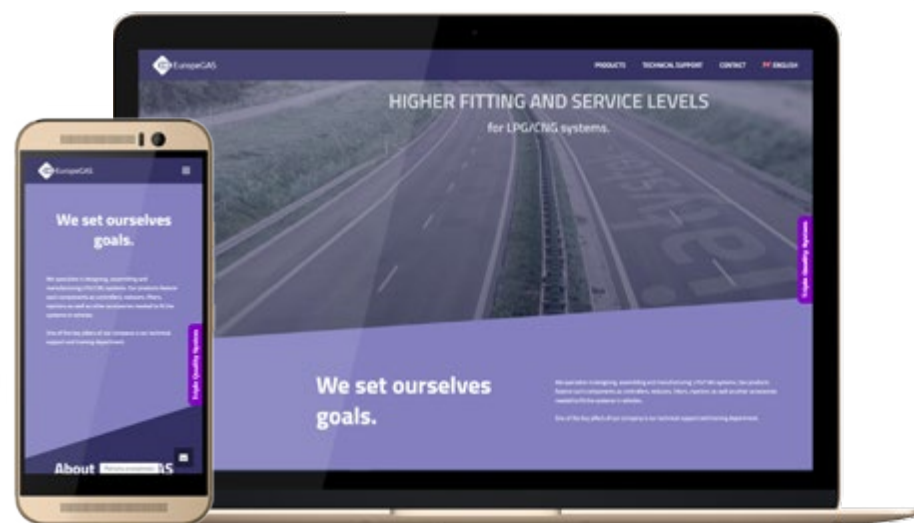
EuropeGAS reducers comparison	EG PREMO	EG SUPREMO	EG METANO
Power	up to 170 HP	up to 270 HP	up to 200 HP
Reducer integrated with solenoid valve	•	•	•
LPG liquid phase heating	—	•	—
LPG volatile phase chamber heating	•	•	—
Filter chamber heating	—	•	absence
Universal filter cartridge	•	•	—
Working pressure range	0,9 – 1,3 bar	0,9 – 1,3 bar	1,3 – 2,2 bar
Gas inlet	ø6 thread M10x1	ø8 thread M12x1	ø6 thread M12x1
Gas outlet	ø12	ø16	ø12
Intake manifold pressure nozzle	ø4	ø4	ø5
Heating liquid elbows	ø16	ø16	ø8
Rotary connection elbows	•	•	—
Integrated 4k7 temperature sensor	thread M6	thread M6	thread M5
Casing made of aluminium die cast	•	•	•

Efficient



EuropeGAS injectors comparison	EG2000	EG RAILGAS
Static flow rate, nozzle diameter 3 mm (at 1,2 bar)	100 l/min	100 l/min
Max. working pressure	4,5 bar	4,5 bar
Operating voltage range	12V	12V
Working temperature	-40 ÷ 120 °C	-40 ÷ 120 °C
Connector	AMP Superseal 282080-1	AMP Superseal 282080-1
Opening time	< 2,1 ms	2,7 ms / 3,15 ms
Closing time	< 1,3 ms	2,4 ms
Coil resistance	1.9 ±5% Ω	2,0 ±5% / 3,0 ±5% Ω
Outlet gas fitting	Calibrated nozzle ø5	thread M8x1, calibrated nozzle ø6
Effective flow rate	12 - 45 HP	10 - 32 HP
Version	for single assembly and on 3 cyl. or 4 cyl. fuel rail	rail 3 cyl. or 4 cyl.
Calibrated nozzle	3 nozzle sizes 1,9 mm; 2,1 mm; 2,4 mm	1,5 mm nozzles for drilling

Stay updated!



VISIT OUR WEBSITE!

In Technical Support bookmark You will find everything You need: connections diagrams, software and instructions. Thanks to remote Internet connection with computer in the workshop, even the most complex problem will be solved by our Technical Support engineer.



EG Configuration Center

Totally new EG Configuration Center. Intuitive user interface ensures trouble-free use of improvements introduced especially for You.

Be mobile!

EG MOVI



Application for the diagnosis of LPG/CNG systems made by EuropeGAS. Works with EG BASICO 24, EG AVANCE 32, EG AVANCE 48 and EG SUPERIOR 48 controllers.



Innovative



EG SPINNER



Innovative gaseous phase filter with an universal replacement cartridge.

- » Polyester filter.
- » 99% filtration efficiency for particles of 1µm.
- » Max. pressure range: 4,5 bars.
- » Temperature range: -40°C to +120°C.
- » Rotative nozzles: ø12 or ø16.
- » Filter size: 100 x 80 x 80 mm.

EG DYNAMIC



Timing Advance Processor.

- » Optimize the engine power and improve the dynamics of its work.
- » It is scanning, learning and supporting crankshaft and camshaft signals shifting for various engines.
- » Dynamic change of the ignition angle, depending on the: engine speed, the TPS position, and the MAP signal values simultaneously.
- » Supports one inductive sensor and up to two digital sensors.

EG FLEX



High pressure synthetic hose EG Flex with couplings is dedicated for usage in automotive LPG systems as the equivalent of traditional copper pipe.

Available couplings D6 or D8:
180°, 135°, 90°

Available diameters:
D6 (5,0 mm / 9,6 mm)
D8 (6,5 mm / 12,2 mm)+

EG HLS



Contactless gas level indicator with a linear voltage output (Hall effect sensor type).

- » Assembled without usage of mechanical parts (better reliability and endurance).
- » More precise gas level indication comparing to standard resistive type sensors.
- » Very low current consumption (10-12 mA).
- » The voltage value when tank is empty is equal to 0V, when the tank is full it is equal to 5V.

EG CARBURETOR



Modern changeover switch EG Carburetor is designed to allow carburetor and electronic injection vehicles converted to gas fuel supply (LPG or CNG) to switch from one fuel to another smoothly. Moment of switching between fuels can be adjusted depending on actual requirements.



EG CONECTO

WiFi diagnostic interface for establishing wireless communication with EuropeGAS controllers.

- » Works with EG Configuration Center and EG Movi diagnostic software.
- » Working range 120m.
- » No need of configuring the WiFi module before starting to work.
- » Compatible with IEEE 802.11 b/g/n standard.

GET IT ON Google Play EG MOVI



EG DIVIDE

Dividing bus is an essential element for the EG2000 single assembly injectors.

- » 2, 3, 4 cylinder version.
- » Working temperature: from -40°C up to +120°C.
- » Inlet port: ø12 mm.
- » Outlet nozzles: ø6 mm.



EG TESTER



Professional preparation for testing leakage in gas installations.

- » Easy and quick application.
- » Application possible in any position of the can.
- » Do not cause corrosion.
- » Working temperature: from -8°C to 35°C.
- » Capacity: 400ml.

EG DETECTOR

EG Detector is a highly sensitive device for detecting and locating leaks of gas installation.

- » Adjustable tick rate to locate leaks quickly and easily.
- » Visual and sound leak detection.
- » Fast response of less than two seconds to 40% LEL.
- » 42 cm flexible probe (gooseneck).



EuropeGAS Sp. z o.o.
ul. Hurtowa 13,
15-399 Białystok, POLAND

tel.: +48 85 743 01 00
export@europegas.pl
technical@europegas.pl

europegas.pl
fb.com/europegaspl

ONEBRAND. ONEMANUFACTURER.



© No car was harmed during the creation of this catalogue.