

COMPARISON OF THE CONTROLLERS ALEX OPTIMA

	OPTIMA PICO	OPTIMA nano	OPTIMA EXPERT
Number of cylinders	3/4	3/4	3/4/5/6/8
Connector- number of pins	24	24	56
Case type	COMPOSITE	ALUMINIUM	ALUMINIUM
Day & night system	✓	✓	✓
Additional RPM corrections	✓	✓	✓
Additional corrections of reducer temperature		✓	✓
Additional corrections of gas temperature		✓	✓
Additional corrections of gas pressure		✓	✓
Additional corrections of gas injectors opening	✓	✓	✓
Oscilloscope to observe the parameters of the installation	✓	✓	✓
Petrol injection loops handling	✓	✓	✓
Compatibility with VALVETRONIC type engines	✓	✓	✓
Compatibility with Wankla type engines		✓	✓
Compatibility with standard engines	✓	✓	✓
Compatibility with turbo engines	✓	✓	✓
Compatibility with different types of petrol injection control	✓	✓	✓
Compatibility with different types of gas injectors	✓	✓	✓
Compatibility with different types of gas level sensors	✓	✓	✓
Gas injector heating	✓	✓	✓
The ability to determine the maximum engine RPM while running on gas.	✓	✓	✓
Reminder of control tests of the gas installation.	✓	✓	✓
"Quick start" function	✓	✓	✓
Full anti-circuit and anti-overloading protection	✓	✓	✓
Semiconductor emulation	✓	✓	✓
3D gas and petrol maps	✓	✓	✓
Operating on LPG and CNG fuel	✓	✓	✓
The ability to download the RPM signal from camshaft level sensor.	✓	✓	✓
The ability to download the RPM signal from crankshaft level sensor	✓	✓	✓
The ability to download the RPM signal from injectors impulse	✓	✓	✓
The ability of a permanent switch off of particular gas injectors	✓	✓	✓
The ability of emergency start on gas	✓	✓	✓
Lambda probe service	✓	✓	✓
Records of past errors	✓	✓	✓
Fuel overlapping	✓	✓	✓
Operating on external AFR probe	✓	✓	✓
Injector switching strategies during fuel transitions	✓	✓	✓
Quick switch off of the LPG/CNG installation	✓	✓	✓
RPM decay time setting	✓	✓	✓
The ability to display the history of changes in the controller	✓	✓	✓
Signaling errors and status messages	✓	✓	✓
Petrol secondary injection option		✓	✓
Automatic detection of OBD reports		+ ELM	✓
Controller with OBD		+ ELM	✓
Monitoring of OBD parameters		+ ELM	✓
Adaptation based on the ECU correction reading		+ ELM	✓
Operating on reverse OBD correction		+ ELM	✓
Simplification of application view	✓	✓	✓
Editable ranges of gas injection time(table of injection time in rotation function)	✓	✓	✓
Additional correction map depending on MAF		✓	✓
Additional correction map depending on the collector pressure		✓	✓
Leaning on a cold engine	✓	✓	✓
Signalling running on petrol	✓	✓	✓
Signalling a warm reducer	✓	✓	✓
Emulation of lambda probe before the catalytic converter			✓
Emulation of lambda probe after the catalytic converter			✓
Erasing selected errors OBD2 / CAN			✓
Universal Fuel pressure Emulator			✓