COMPARISON OF
THE CONTROLLERS

	ALEX 32 by AEB	ALEX 48 by AEB	ALEX 48 OBD by AEB	ALEX 56 OBD by AEB
Number of cylinders	4	4	4	4/5/6/8
Connector- number of pins	32	48	48	56
Case type	COMPOSITE	COMPOSITE	COMPOSITE	ALUMINUM
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			✔	✔
Controller with OBD			✔	✔
Monitoring of OBD parametres				
Adaptation based on the ECU correction reading			✔	✔
Operating on reverse OBD correction				
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				