

PRICE LIST 2024



Product range

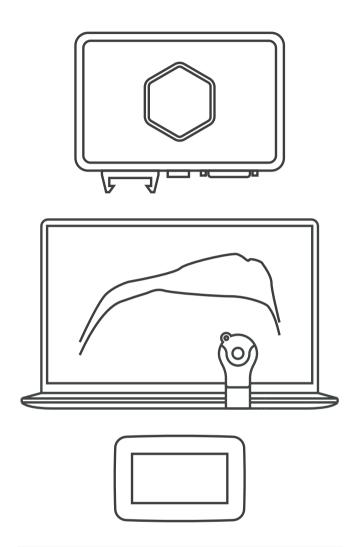


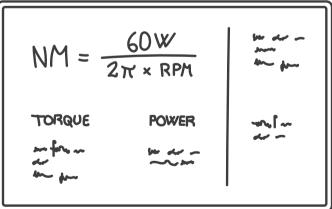
KESS3

ECM TITANIUM

POWERGATE 3+

ACADEMY





KESS3



All in one tool: ECU and TCU programming via OBD, Bench and Boot mode.

Thanks to thirty years of experience and nearly three years of development, KESS3 is the most advanced engineering achievement ever conceived in the Chiptuning industry. KESS3 has been developed to provide everyone with a quick and simple interface to any engine control unit and automatic gearbox on the market. New microprocessor, latest generation I/O interfaces, new built-in sensors and high-performance EEPROM and FLASH memories are the main features of KESS3.







SLAVE VERSION



SUBSCRIPTION AND SERVICES



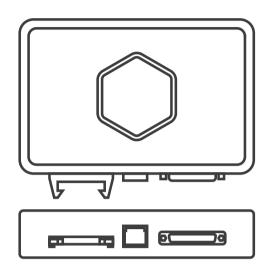
EVALUATE AND TRADE-IN YOUR KESSv2 and K-TAG

Unlock the value of your Alientech tool and convert it to a new KESS3

Visit alientech-tools.com

KESS3 - MASTER





KESS3 combines 3 operating modes in a single device.

OBD, Bench & Boot Mode. Configure it according to your requirements and work.

Initialize your KESS3 as required by choosing your vehicles of interest and exploring all the possible configurations.

Code	Product	Price (EUR)
KESS3HW000	Hardware	700,00€







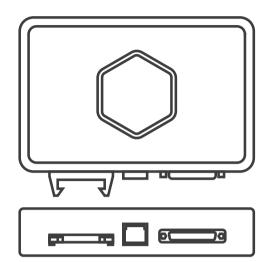




Code	Product	Price (EUR)
KESS3MA001	KESS3 Master - Car - LCV OBD Protocol activation	2.990,00€
KESS3MA002	KESS3 Master - Bike - ATV & UTV OBD Protocol activation	1.290,00€
KESS3MA003	KESS3 Master - Agriculture - Truck & Buses OBD Protocol activation	2.990,00€
KESS3MA004	KESS3 Master - Marine & PWC OBD Protocol activation	1.290,00€
KESS3MA005	KESS3 Master - Car – LCV Bench-Boot Protocol activation	2.490,00€
KESS3MA006	KESS3 Master - Bike - ATV & UTV Bench-Boot Protocol activation	890,00€
KESS3MA007	KESS3 Master - Agriculture - Truck & Buses Bench-Boot Protocol activation	2.490,00€
KESS3MA008	KESS3 Master - Marine & PWC Bench-Boot Protocol activation	890,00€

KESS3-SLAVE





The files read by the «Slave» version encoded. This means that you exclusively work with modified files provided by your reference «Master».

KESS3 combines 3 operating modes in a single device.

OBD, Bench & Boot Mode. Configure it according to your requirements and work.

Initialize your KESS3 as required by choosing your vehicles of interest and exploring all the possible configurations.

Code	Product	Price (EUR)
KESS3HW000	Hardware	700,00€











Code	Product	Price (EUR)
KESS3SA001	KESS3 Slave - Car - LCV OBD Protocol activation	1.290,00€
KESS3SA002	KESS3 Slave - Bike - ATV & UTV OBD Protocol activation	590,00€
KESS3SA003	KESS3 Slave - Agriculture - Truck & Buses OBD Protocol activation	1.290,00€
KESS3SA004	KESS3 Slave - Marine & PWC OBD Protocol activation	590,00€
KESS3SA005	KESS3 Slave - Car – LCV Bench-Boot Protocol activation	990,00€
KESS3SA006	KESS3 Slave - Bike - ATV & UTV Bench-Boot Protocol activation	390,00€
KESS3SA007	KESS3 Slave - Agriculture - Truck & Buses Bench-Boot Protocol activation	990,00€
KESS3SA008	KESS3 Slave - Marine & PWC Bench-Boot Protocol activation	390,00€

KESS3 - SUBSCRIPTION AND SERVICES



The activation of new protocols, the virtual reading service, web services related to the protocol functioning and technical assistance are services available with an active subscription. The subscription is unique and there is no distinction between the types of vehicles, or the communication methods purchased.

The only discriminating factor is the tool version and the subscription length.

KESS3 MASTER

Code	Product	Price (EUR)
KESS3MS001	KESS3 Master – 12 Months of subscription*	1.190,00€
KESS3MS002	KESS3 Master – 6 Months of subscription*	690,00€

KESS3 SLAVE

Code	Product	Price (EUR)
KESS3SS0001	KESS3 Slave – 12 Months of subscription*	590,00€
KESS3SS0002	KESS3 Slave – 6 Months of subscription*	390,00€

^{*} In the case of a subscription that has expired for more than 60 days, a fee will be charged based on the time interval between the subscription expiry date and the renewal date.

Online Backup Management

Code	Product	Price (EUR)
KESS3MOBM0	KESS3 Master – Online Backup Management	390,00€



Bespoke cables for OBD communication with every vehicle type and adapters and accessories to make your work easier for Bench mode connection.

Agriculture - Truck & Buses





Code	Product	Price (EUR)
144300K207	DAF 16 pin round cable	99,00€
144300K208	DAF-MAN-SCANIA OBDII cable	99,00€
144300K209	IVECO 30 pin round cable	99,00€
144300K214	Renault Trucks OBDII 12 pin adapter cable	99,00€
144300K215	SCANIA 16 pin round cable	99,00€
144300K216	VOLVO Trucks LUCAS connector cable	149,00€
144300K217	VOLVO Trucks - RENAULT Truck OBDII cable	99,00€
144300K226	CNH - CUMMINS - John Deere 9 pin round cable	99,00€
144300K227	John Deere Premium 9 pin round cable	99,00€
144300K228	CNH - Valtra 8 pin round cable	99,00€
144300K229	CNH - Valtra 16 pin round cable	99,00€
144300K230	Massey Ferguson 16 pin round cable	99,00€







Agriculture - Truck & Buses

Code	Product	Price (EUR)
144300K231	FENDT CANbus 4 pin round cable (required 144300KPWR cable)	99,00€
144300K232	SAME Deutz-Fahr 14 pin round cable	99,00€
144300K233	FENDT 12 pin round cable	99,00€
144300K234	MAN 37 pin round cable	99,00€
144300K235	CUMMINS 9 pin round cable	99,00€
144300K236	CUMMINS 16 pin cable	99,00€
144300K237	MAN 12 pin round cable	99,00€
144300K238	VOLVO Trucks VM connector cable	99,00€
144300K245	CAT J1939 Data Link cable	99,00€
144300K246	CAT – Perkins 9 pin round cable	99,00€
144300K248	FENDT K-Line 4 pin round cable	99,00€
144300K260	SAME Deutz-Fahr 19 pin round cable (required 144300KPWR cable)	189,00€
144300K262	FENDT Deutz-Fahr 14 pin round cable	99,00€
144300K273	Mercedes Trucks TEMIC OBD cable	139,00€
144300K274	Mercedes Trucks TEMIC Bench cable (required 144300KPWR cable)	99,00€
144300K277	Massey Ferguson 9 pin round cable	99,00€



Bike - ATV & UTV



Code	Product	Price (EUR)
144300K241	Aprilia - Ducati - Piaggio - MV Agusta OBD cable	59,00€
144300K244	Ducati Continental - Bosch - Melco 4 pin cable	59,00€
144300K252	Husqvarna - KTM 6 pin cable	59,00€
144300K256	Harley Davidson J1850 4 pin cable	59,00€
144300K257	Harley Davidson CANbus 6 pin cable	59,00€
144300K258	MV Agusta Eldor CANbus 4 pin cable	59,00€
144300K263	Yamaha T-Max K-Line cable	59,00€
144300K266	BMW Motorrad 14 pin round cable	59,00€
144300K269	Euro5 European motorcycles 6 pin cable	59,00€
144300K270	Honda - Keihin 3 pin cable	59,00€
144300K271	Yamaha OBD cable	59,00€
144300K272	Benelli OBD cable	59,00€
144300K279	Kawasaki Euro4 6 pin cable	59,00€
144300K280	KTM Euro5 cable	109,00€



Car - LCV



Code	Product	Price (EUR)
144300K239	Mitsubishi double-connector cable	79,00€
144300K240	Subaru OBDII cable and jumpers	79,00€
144300K254	VAG DSG DQ200 25 pin connector	189,00€
144300K259	VAG DSG DQ500 16 pin connector	189,00€
144300K265	VAG DSG DL501 16 pin connector	189,00€
144300K267	VAG DSG DQ250-DQ250MQB 20 pin connector	169,00€
144300KOBD	OBD cable	59,00€
144300KUNI	Universal cable	59,00€
144300KPWR	Power supply cable with AMP superseal connector	59,00€













Code	Product	Price (EUR)
1400K3ALIM	Bench Power Supply	59,00€
144300KBNC	Multiwire Cable for ECU connection	79,00€
144300KTER	Extension for Multiwire Cable 144300KBNC	79,00€
144300T100	Flat Cable	24,00€
144300T101	Flat Cable	24,00€
144300T102	Flat Cable	24,00€
144300T103	Flat Cable	24,00€
144300T104	Flat Cable IDC26-10	24,00€
144300T105	Flat Cable IDC26-16	24,00€
144300T106	Flat Cable IDC26-26	24,00€
144300T107	Cable for Denso ECU (Renesas M32)	79,00€
144300T109	SMD Grabber Probe (3 pieces)	139,00€
144300T110	SMD Grabber Probe (1 piece)	99,00€
144300T114	Cable for Bosch EDC7 ECU	24,00€
144300T115	Cable for Volvo TRW Service Mode connection	199,00€
144300TALI	External Battery Power Supply	24,00€













Code	Product	Price (EUR)
14AM00T00M	Adapter for Delphi DCM3.1 ECU (Motorola MPC5xx)	69,00€
14AM00T01M	Adapter for Bosch ECU (Motorola MPC5xx)	69,00€
14AM00T02M	Adapter for Delphi DCM3.2 ECU (Motorola MPC5xx)	69,00€
14AM00T03M	Adapter for Bosch ECU (ST10Fxxx)	69,00€
14AM00T05M	Adapter for Marelli ECU (Nexus MPC5xxx)	69,00€
14AM00T06M	Adapter for Delphi ECU (Nexus MPC5xxx)	69,00€
14AM00T07M	Adapter for Mitsubishi Denso ECU (Renesas SH705x -WR-)	69,00€
14AM00T08M	Adapter for Mazda Denso ECU (Renesas SH705x -WR-)	69,00€
14AM00T09M	Adapter for Nissan Denso ECU (Renesas SH705x -WR-)	69,00€
14AM00T10M	Adapter for Mitsubishi Denso ECU (Renesas SH705x -RD-)	89,00€
14AM00T11M	Adapter for Mazda-Nissan Denso ECU (Renesas SH705x -RD-)	99,00€
14AM00T13M	Adapter for TRW Truck ECU (Nexus MPC5xxx)	99,00€
14AM00T14M	Adapter for Lotus EFI T6 ECU (Nexus MPC5xxx)	69,00€
14AM00T15M	Adapter for Denso ECU (NEC 76F00xx Board Type A)	99,00€
14AM00T16M	Adapter for Denso ECU (NEC 76F00xx Board Type B)	99,00€
14AM00T17M	Adapter for Bosch EDC17C59 ECU (Infineon Tricore)	99,00€













Code	Product	Price (EUR)
14AM00T18M	Adapter for Marelli ECU (Motorola MPC56xxx)	99,00€
14AM00T24M	Adapter for Continental SID208-SID209 ECU (Infineon Tricore)	99,00€
14AM00T25M	Adapter for Continental SID807 ECU (Infineon Tricore)	99,00€
14AM00T28M	Multi-function Board (Renesas SH725xxx)	99,00€
14AM00T29M	Pull-out (Renesas SH725xxx-36)	69,00€
14AM00T30M	Pull-out (Renesas SH725xxx-26)	69,00€
14AM00TB01	Siemens pull-out (Motorola MPC5xx)	69,00€
14AM00TB02	Magneti Marelli pull-out (Motorola MPC5xx)	69,00€
14AM00TB03	Bosch EDC7 pull-out (Motorola MPC5xx)	69,00€
14AM00TBAS	Multi-function Board (Motorola MPC5xx)	69,00€
14AS00T02S	Soldering Adapter for TRW Truck ECU (Motorola MPC5xx)	69,00€
14AS00T10S	Soldering Adapter for Denso ECU (Renesas SH705x)	69,00€
14P600KT04	Adapter for Bosch EDC17-MED17 ECU (Infineon Tricore)	99,00€







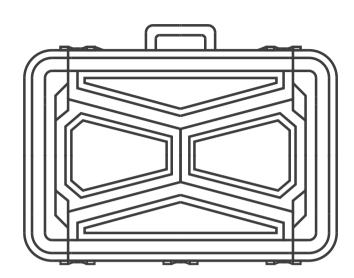






Code	Product	Price (EUR)
144300K275	Continental HDEP MCM2.1 cable	139,00€
144300K276	Temic ACM2.1 cable	139,00€
144300TADP	Adapter for 144300T116 and 144300T117 cable	59,00€
144300KTCU	TCU extensions for Multiwire Cable 144300KBNC	59,00€
14P800ADB2	Upper illumination deck upgrade	99,00€
14P800ADB3	Programming probes kit	69,00€
14P800DIMA	Alientech Dima Positioning Frame	290,00€





Suitcase

Code	Product	Price (EUR)
KESS3GEAR0	KESS3 accessory storage case	69,00€
KESS3CASE0	KESS3 replacement suitcase (basic accessories not included)	159,00€

ECMTITANIUM



The performance configurator for motor vehicles that you can use wherever and whenever you want.

ECM TITANIUM is the recalibration software developed by Alientech, which allows you to independently view and modify the management parameters of any original ECU and TCU calibration file. With different working views (2D, 3D, TAB and Driver), ECM Titanium allows you to act not only for performance enhancement but also for ECU repairing and cloning.

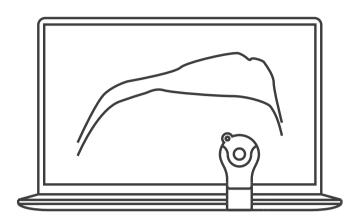


DRIVER MAKER

SUBSCRIPTION AND CREDITS

ECMTITANIUM-VERSION





ECM TITANIUM Full.

A comprehensive solution in which you have dedicated technical assistance, up to 100 drivers per day available for download for cars, bikes, tractors, trucks, and boats.

You can request Original Files and New Drivers, update the drivers list and the software. If you choose the Full version, you have everything at your disposal and you are free to remap without restriction.

ECM TITANIUM Credits.

Activate your ECM TITANIUM software with Credits and choose the operations that interest you the most. Do you need a motorbike or gearbox driver? Use some of your credits only! You maintain control over what you do and, depending on your needs, you can expand your "credit package".

Feature	ECM TITANIUM CREDIT	ECM TITANIUM FULL / PROMO*
ECM Titanium security key	Included (250,00 €)	Included (250,00 €)
Software update	Included	Included
Drivers update	Included	Included
Technical assistance	-	Included
Original File Download	-	Included
New Driver request	Included	Included
Driver download	40 credits	Included

Code	Product	Price (EUR)
149967TIFL	ECM Titanium – Security Key	250,00€
149757EC16	ECM Titanium - Full version* (Activation + Security Key 149967TIFL required)	2.140,00 €
149757EC17	ECM Titanium - Full Promo** version (Activation + Security Key 149967TIFL required)	940,00€
149757EC19	ECM Titanium - Credit* version (Activation + Security Key 149967TIFL required)	640,00€

^{*} The Full version includes 12 months of subscription. The Credit version includes 1000 credits.

^{**} The Full Promo version is available only in association with KESS3 Master.

ECM TITANIUM - UPGRADE AND ADDITIONAL FUNCTIONS



UPGRADE

Code	Product	Price (EUR)
149757EC11	Upgrade ECM Titanium - From Credit to Full*	1.590,00€
149757EC18	Upgrade ECM Titanium - From Credit to Full promo**	310,00€
149757EC20	Upgrade ECM Titanium - From Full promo to Full***	1.290,00€

^{*} Upgrading from Credit to Full version is only possible if you already own the active Security Key in Credit version. The Upgrade includes the renewal of the ECM Titanium subscription for 12 months.

PLUGIN DRIVER MAKER

If you wish to make the most of ECM TITANIUM and be more independent when generating your remaps, Driver Maker is right for you. This is a plugin for creating new drivers or modifying our existing drivers in the Alientech databank.

Code	Product	Price (EUR)
149757ECMD	ECM Titanium - Driver Maker Plugin	450,00€

^{**} Upgrading from Credit version to Full promo is only possible if you already own the active Security Stick in Credit version and if you own KESS3 Master or if you purchase it in combination.

The Upgrade includes the renewal of the ECM Titanium subscription for 12 months.

^{***} Upgrading from Full promo to Full version is only possible if you already own the active security key in Full promo version. The Upgrade does not include the renewal of the ECM Titanium subscription.

ECM TITANIUM-SUBSCRIPTION AND CREDITS



The remapping drivers and the technical assistance are subscription-based services available only with ECM Titanium FULL.

ECM TITANIUM SUBSCRIPTION

Code	Product	Price (EUR)
18C7570001	ECM Titanium - 12 months of subscription	590,00€
18C757EC06	ECM Titanium - 6 months of subscription	350,00€

ECM TITANIUM CREDITS

Code	Product	Price (EUR)
149757EC12	ECM Titanium - 1x Download credit for Driver (min. 40)	1,00€
149757EC13	ECM Titanium - 200x Download credit for Driver	180,00€
149757EC14	ECM Titanium - 400x Download credit for Driver	320,00€
149757EC15	ECM Titanium - 800x Download credit for Driver	560,00€

POWERGATE3+



Become the world's best-known tuner.

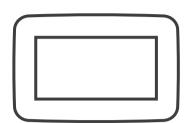
Powergate3+ is the tool dedicated to the end user that allows to remap the engine control unit of the vehicle at any time. Thanks to your modified files, uploaded remotely, the user will be able to boost the performance of the vehicle, in complete autonomy and safety, directly from the OBD socket.



VERSION

POWERGATE3+ DECODER





Powergate3+ is the ECU programming unit that you can configure and customize with your modified files.

The tuner purchases a single Decoder which can be used to configure countless User tools which are preloaded with their modified files.

Powergate3+ Decoder

The tool that allows you to configure all the Powergate3+ User to sell to your customers and to associate them to your customer code. All the files you modified and uploaded to the device are encoded to protect your work and you have a modified file internal database.

Powergate3+ User

The tool which is sent to the final customer.

It contains the Original File of the ECU and the modified maps (up to 5 different levels of elaboration) that the customer can write on its vehicles.

Code	Product	Price (EUR)
1400P40000	Decoder Unit for Cars	130,00€
1400P40003	Decoder Unit for Tractors	130,00€
1400P40005	Decoder Unit for Bikes	130,00€



POWERGATE 3+ CAR



The price of the single unit varies according to the quantity purchased. Every Powergate 3+ includes the OBDII standard cable (1400P3MF15).

Code	Product	Price (EUR)
1400P40001	User Unit for Cars (1-4x)	196,00€
1400P40001	User Unit for Cars (5-9x)	175,00€
1400P40001	User Unit for Cars (10-24x)	160,00€
1400P40001	User Unit for Cars (25-49x)	150,00€
1400P40001	User Unit for Cars (50-99x)	140,00€
1400P40001	User Unit for Cars (100+)	130,00€



POWERGATE 3+ AGRICULTURE



The price of the single unit varies according to the quantity purchased. Every Powergate 3+ includes the OBDII standard cable (1400P3MF15). The correct cable to associate is available as an accessory to be purchased separately.

Code	Product	Price (EUR)
1400P40004	User Unit for Tractors (1-4x)	196,00€
1400P40004	User Unit for Tractors (5-9x)	175,00€
1400P40004	User Unit for Tractors (10-24x)	160,00€
1400P40004	User Unit for Tractors (25-49x)	150,00€
1400P40004	User Unit for Tractors (50-99x)	140,00€
1400P40004	User Unit for Tractors (100+)	130,00€
Code	Product	Price (EUR)
1400P3MF07	John Deere Standard cable	60,00€
1400P3MF08	John Deere Premium cable	60,00€



POWERGATE 3+ BIKE



The price of the single unit varies according to the quantity purchased. Powergate 3+ for Bikes are divided by type of cable according to the supported bike type.

BMW Motorrad Bikes Euro4

(Code	Product	Price (EUR)
•	1400P40006	User Unit for BMW Motorrad Bikes Euro4 (1-49x)	145,00€
-	1400P40006	User Unit for BMW Motorrad Bikes Euro4 (50+)	130,00€

^{*1400}P3MF16 - BMW BMSK Bosch ME9 Cable included

KTM Bikes

Code	Product	Price (EUR)
1400P40007	User Unit for KTM Bikes (1-49x)	145,00€
1400P40007	User Unit for KTM Bikes (50+)	130,00€

^{*1400}P3MF06 - KTM Keihin Cable included





Marelli Italian Bikes

Code	Product	Price (EUR)
1400P40008	User Unit for Marelli Italian Bikes (1-49x)	145,00€
1400P40008	User Unit for Marelli Italian Bikes (50+)	130,00€

^{*1400}P3MF09 - Ducati Marelli Cable included

VDO Italian Bikes

Code	Product	Price (EUR)
1400P40009	User Unit for VDO Italian Bikes (1-49x)	145,00 €
1400P40009	User Unit for VDO Italian Bikes (50+)	130,00€

^{*1400}P3MF05 - Ducati VDO Cable included

Triumph Bikes

Code	Product	Price (EUR)
1400P40010	User Unit for Triumph Bikes (1-49x)	145,00€
1400P40010	User Unit for Triumph Bikes (50+)	130,00€

^{*1400}P3MF15 - OBD Standard Cable included



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Harley-Davidson Bikes

Code	Product	Price (EUR)
1400P40011	User Unit for Harley-Davidson Bikes (1-49x)	145,00 €
1400P40011	User Unit for Harley-Davidson Bikes (50+)	130,00€

^{*1400}P3MF10 - Harley-Davidson Cable included

MV Agusta Eldor Bikes

Code	Product	Price (EUR)
1400P40012	User Unit for MV Agusta Eldor Bikes (1-49x)	145,00 €
1400P40012	User Unit for MV Agusta Eldor Bikes (50+)	130,00€

^{*1400}P3MF12 - MV Agusta Eldor Ecu Cable included

Yamaha T-Max Scooters

Code	Product	Price (EUR)
1400P40013	User Unit for Yamaha T-Max Scooters (1-49x)	145,00€
1400P40013	User Unit for Yamaha T-Max Scooters (50+)	130,00€

^{*1400}P3MF14 - Yamaha T-Max 2012 Cable included





Italian Bikes Euro5

Code	Product	Price (EUR)
1400P40021	User Unit for Italian Bikes Euro5 (1-49x)	145,00 €
1400P40021	User Unit for Italian Bikes Euro5 (50+)	130,00€

^{*1400}P3MF21 - Italian Bikes Euro5 Cable included

BMW Motorrad Bikes Euro5

Code	Product	Price (EUR)
1400P40023	User Unit for BMW Motorrad Bikes Euro5 (1-49x)	145,00 €
1400P40023	User Unit for BMW Motorrad Bikes Euro5 (50+)	130,00€

^{*1400}P3MF15 - OBD Standard Cable included

Honda Bikes

Code	Product	Price (EUR)
1400P40024	User Unit for Honda Bikes (1-49x)	145,00 €
1400P40024	User Unit for Honda Bikes (50+)	130,00€

^{*1400}P3MF18 - Honda Cable included



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Husqvarna Bikes

Code	Product	Price (EUR)
1400P40026	User Unit for Husqvarna Bikes (1-49x)	145,00€
1400P40026	User Unit for Husqvarna Bikes (50+)	130,00€

^{*1400}P3MF06 - Husqvarna Cable included

Yamaha Bikes

Code	Product	Price (EUR)
1400P40027	User Unit for Yamaha Bikes (1-49x)	145,00 €
1400P40027	User Unit for Yamaha Bikes (50+)	130,00€

^{*1400}P3MF19 - Yamaha Cable included

Benelli Bikes

Code	Product	Price (EUR)
1400P40028	User Unit for Benelli Bikes (1-49x)	145,00€
1400P40028	User Unit for Benelli Bikes (50+)	130,00€

^{*1400}P3MF20 - Benelli Cable included

POWERGATE3+ACCESSORIES



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Bike - ATV & UTV

Code	Product	Price (EUR)
1400P3MF05	Cable for Italian Bikes VDO	39,00€
1400P3MF06	Cable for KTM - Husqvarna Bikes	39,00€
1400P3MF09	Cable for Italian Bikes Marelli	49,00€
1400P3MF10	Cable for Harley-Davidson Bikes	49,00€
1400P3MF12	Cable for MV Augusta Bikes	49,00€
1400P3MF13	Adapter Cable for Harley-Davidson Bikes older version	25,00€
1400P3MF14	Cable for Yamaha T-Max Bikes	49,00€
1400P3MF16	Cable for BMW Motorrad Bikes Euro5	49,00€
1400P3MF18	Cable for Honda Bikes	49,00€
1400P3MF19	Cable for Yamaha Bikes	49,00€
1400P3MF20	Cable for Benelli Bikes	49,00€
1400P3MF21	Cable for Italian Bikes Euro5	49,00€
1400P3MF22	Cable for Aprilia Bikes Marelli MP11 (RD)	49,00€

ACADEMY



Professional training to beat the competitors.

Alientech Academy is our professional training platform that will allow you, whatever the mode of use (class, virtual and online), to learn technical and practical know-how about the world of reprogramming, offering your customers the best services.

ECM TITANIUM: HOW TO USE

Thanks to this course you will have the opportunity to deepen your knowledge of the Alientech ECM Titanium software and to understand the operational strategies used by diesel and petrol engine control units.

We will analyze the many systems present in the new generation engines, to understand how and with which maps the ECU controls the performance developed by the vehicle. In addition, you will understand what are the practical procedures and basic techniques to perform remapping of diesel and petrol engines.

MORE INFORMATION ON REMAPPING PETROL ENGINES

This course will allow you to deepen even more your skills for the modification of petrol engine control units and to understand what are any limits present in other units, which do not allow you to unlock the maximum potential of the vehicle.

You will understand how to calculate the maximum possible increment on any stock engine and what specific modification procedures have been applied to some selected practical examples. In addition, we will see how to use the software ECM Titanium for the comparison of original files with different powers.

DRIVER MAKER: HOW TO USE

This third level course explains the theoretical knowledge and internal file structure used by major ECU manufacturers. You will understand how the original file is stored inside the ECU through the hexadecimal numerical base, how its structure is made in 2D view with the various precisions of usable bits and you will understand what are the various elements that make up the stock file.

In addition to this, there will be the opportunity to learn how to interpret the data in a DAMOS file and the standard map storage structures adopted by the various control unit manufacturers.

You can then get the information you need to enter the correct data with the ECM Titanium Driver Maker plug-in or any other remapping software with similar capabilities, and will put into practice the notions learned thanks to several practical examples with the use of official Alientech software.

MORE INFORMATION ON REMAPPING DIESEL ENGINES

This frontal course will allow you to delve even further into your skills for modifying Diesel Engine Control Units and to understand how to avoid various issues such as, for example, torque monitoring.

You will understand how to calculate the maximum possible increment on any stock engine and what specific modification procedures have been applied to some selected practical examples, and then test the modified file created, on the test bench. Finally, we will see how to use the software ECM Titanium for the comparison of original files with different powers.

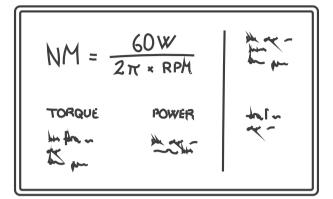
MORE INFORMATION ON BIKE REMAPPING

This course will allow you to deepen even more your skills for tuning motorcycles engine control units and to better undestand their components logic.

You will learn about engine parameters to be modified and which tuning procedures are applied on some practical examples. Moreover, we will see how to use ECM Titanium software to tune the necessary maps.







Basic Training

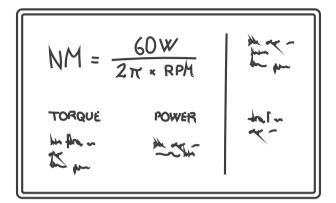
Code	Product	Price (EUR)
CF00570009	Basic Training - Chiptuning basics & Alientech tools	290,00€
CF00570011	Basic Training - ECM Titanium & Tuning basics	290,00€

Advanced Training - Car

Code	Product	Price (EUR)
CF00570012	Advanced Training - Petrol mapping	390,00€
CF00570013	Advanced Training - Diesel mapping	390,00€







Advanced Training - Bike

Code	Product	Price (EUR)
CF00570015	Advanced Training - Bike remapping	780,00€

Advanced Training - Plugin Driver Maker

Code	Product	Price (EUR)
CF00570014	Expert Training - Driver development and map analysis in 2D format through the practical use of Driver Maker	980,00€



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