



Electronic Key Cutting Machines

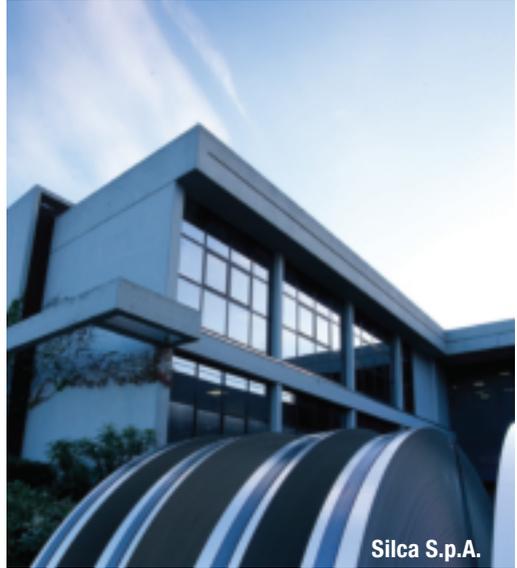
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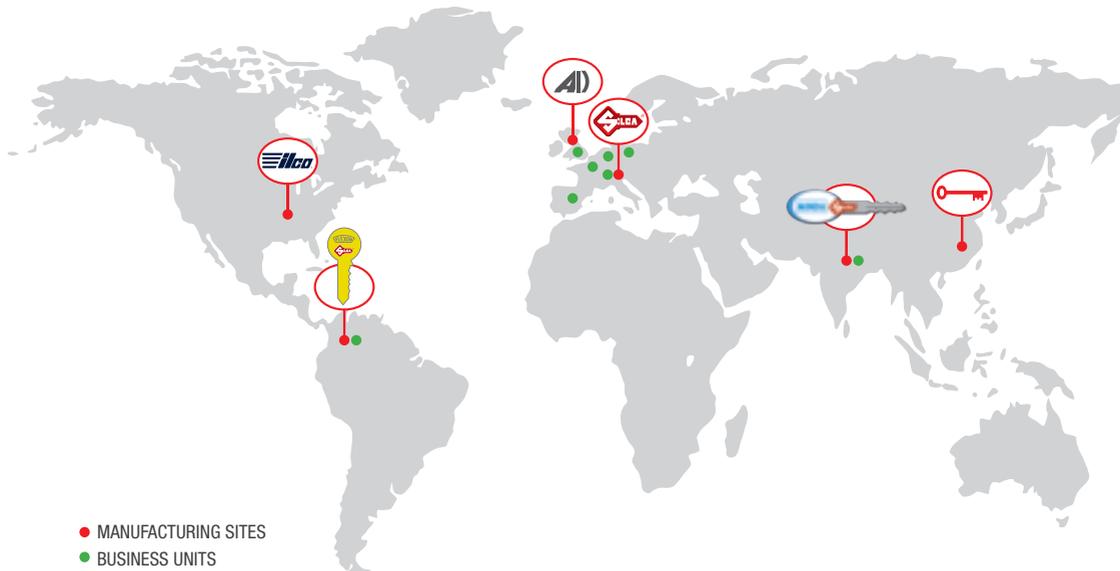
#1 IN THE WORLD

KEY SYSTEMS SEGMENT

Since the beginning, Silca has conceived the business of key duplication as a comprehensive system, that flows from key blank to key cutting machine manufacturing, and extends to the engineering of customized products and to the development of state-of-the-art solutions for the automotive industry. Silca boasts an internationally widespread presence, consisting of 8 business units, 6 manufacturing sites, and a network of over 150 specialized distributors all over the world.



Silca S.p.A.



QUALITY AND CERTIFICATIONS

Silca Quality System, which has been strengthened over time, complies with international standards ISO 9001:2008 and ISO/TS 16949:2009 (Automotive Keys), guaranteeing maximum attention to:

- prevention of non-conformities;
- improvement of the efficacy and efficiency of production processes;
- adherence to the results expected by both Customers and Manufacturers of the Automotive Industry.

Silca Environmental Management System (EMS) conforms with the UNI EN ISO14001:04 standards, ensuring that the company respects the environment; promotes practices that safeguard health and safety of all employees; is committed to constantly improving its manufacturing processes.



The CE mark certifies that all Silca products meet the health, safety and environmental requirements set by EU directives.



ORIGINAL COMPONENTS

WIDE RANGE OF ACCESSORIES

A wide range of optional accessories has been designed and manufactured to enlarge the capabilities of mechanical and electronic key cutting machines.

Silca offers a series of original tracer points, cutters, clamps, and adapters developed for adjusting perfectly to Silca key machines and for duplicating any key type, thus responding to the needs of any customer.



ORIGINAL SPARE PARTS

In order not to compromise the performances of the key cutting machines, it is recommended using exclusively Silca original spare parts and accessories.

Manufactured with high-quality materials, assembled with utmost care and precision, accurately tested before being provided to the customer, only Silca spare parts and accessories guarantee comfort of use and reliability over time.



SILCA SOFTWARE

Silca designs and develops in-house all the software programs applied to its key cutting machines and electronic devices. Silca software ensures that the performances of the customer's working tools are optimized and grants access to one of the most extensive key database in the world, updated on a daily basis with the latest news from the market and continuously enriched with new functions.



ADVANCED DIAGNOSTICS SOFTWARE

The software programs developed by Advanced Diagnostics allow to enhance the functionalities of AD programming devices and simplify their operating procedures, ensuring at the same time to be always up-to-date with the latest innovations tuned by major car manufacturers worldwide. The functions provided include: the elimination of manual procedures that might generate errors, the optimization of programming processes of vehicle keys, the reading of pin and security codes.



SILCA EKC

The Silca Electronic Key Catalogue is the ideal application for searching keys and managing customized ranges. Silca EKC grants the possibility to:

- consult one of the most complete key databases in the world, both in terms of articles and information provided;
 - create and print out customized catalogues and key tags;
 - search comparative keys starting from the part number of a competitor.
- The Silca Electronic Key Catalogue has been optimized for mobile devices and smartphones.

Registering to EKC is easy and free:
ekc.silca.biz



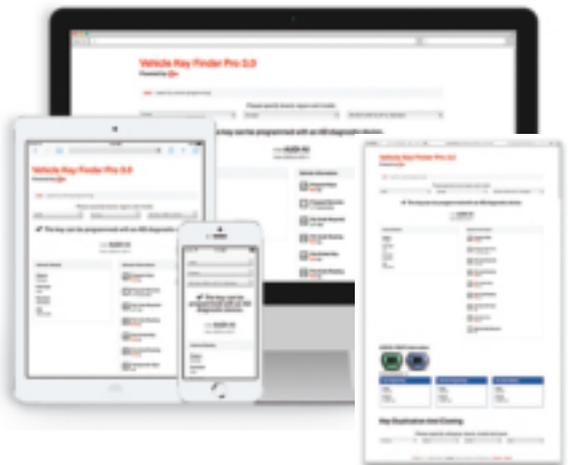
VKF PRO

Vehicle Key Finder Pro is an application designed to simplify the search of automotive keys starting from either a Silca key reference or the make and model of a vehicle.

VKF Pro provides all the necessary information to duplicate a vehicle key, indicating the right transponder and part number to use, and suggesting the most adequate tools for copying both the electronic and the mechanical components of the key.

Find the Silca key for your vehicle:

ekc.silca.biz/car-keys



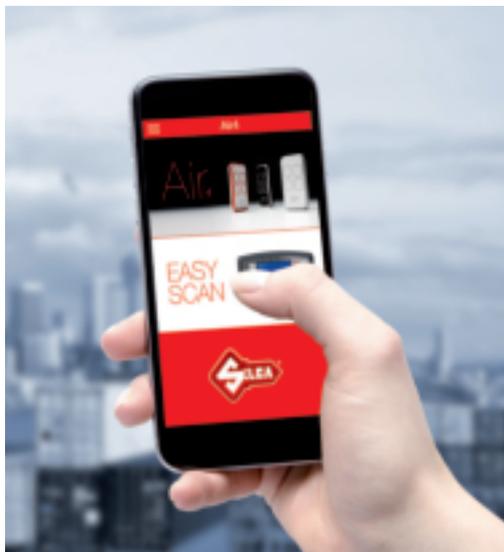
MYSILCA APP

With MySilca App all the information and the expertise from Silca will be at hand, anytime, anywhere.

Optimized for tablet and smartphone, MySilca has been developed for providing updates and real time support to the daily activity of key cutters, locksmiths and professionals within the security industry worldwide. In fact, users will be able to reach easily and immediately comprehensive materials regarding the entire range of Silca products and access exclusive contents, such as FAQs and tutorial videos. MySilca App integrates smart tools such as the Electronic Key Catalogue and the Vehicle Key Finder Pro.



SILCA EXPERTISE ALWAYS WITH YOU!



Downloadable from **Google Play** or the **App Store** MySilca is available for Android* and iOS systems*.



* Minimum software version required:
4.1 for Android
7.1 for iOS
Compatible with iPhone, iPad and iPod touch.



ELECTRONIC KEY MACHINES FOR CYLINDER KEYS

FUTURA

Futura is Silca's new ground-breaking electronic key cutting machine to copy flat, laser, dimple and cruciform keys.

- ♦ The machine movements on 3 axes are entirely automated, while the tablet-integrated software guides you step-by-step in all key cutting operations.
- ♦ Led lighting of the working area changes color according to the machine's status for an immediate process control.
- ♦ A 10" touch-screen tablet integrates Silca Software's main data and functions.
- ♦ Thanks to the optical reader, copy by original and the resistant-to-wear prismatic cutter, you will be able to copy any flat key, ensuring at the same time that the key copy will be exactly faithful to the original.
- ♦ Laser and dimple keys are decoded by electric contact.



KEY TYPES: for cylinder, laser, dimple and cruciform keys



MODELS:

Futura
Futura Japan

TECHNICAL DATA

Motor	24V dc
Power provider	90/264V - 50/60 Hz
Movements	on 3 axes
Prismatic cutter	TiN-coated HSS (Super Rapid Steel)
Cutter	HSS (Super Rapid Steel)
Dimensions	width: 318 mm, depth: 413 mm, height: 522 mm with tablet and support, 340 mm without tablet and support
Weight	20 Kg

ELECTRONIC KEY MACHINES

FOR VEHICLE CYLINDER KEYS



FUTURA AUTOMOTIVE

Futura Automotive is the ground-breaking electronic key machine from Silca for cutting flat and laser vehicle keys.

- ◆ The machine movements on 3 axes are entirely automated, while the software of the integrated tablet guides you step-by-step in all key cutting operations.
- ◆ Tablet-integrated automotive database: Futura Automotive is equipped with a 10" touch-screen tablet that integrates Silca software's main functions, allowing you to search through the largest automotive key database in the market, covering over 90% of vehicle models currently available worldwide, and keep it updated over time through the internet.
- ◆ Optimized double cutting station.



KEY TYPES: for cylinder and laser keys



MODELS:

Futura Automotive
Futura Automotive Token

TECHNICAL DATA

Motor	24V dc
Power provider	90/264V - 50/60 Hz
Movements	on 3 axes
Prismatic cutter	TiN-coated HSS (Super Rapid Steel)
Cutter	HSS (Super Rapid Steel)
Dimensions	width: 318 mm, depth: 413 mm, height: 522 mm with tablet and support, 340 mm without tablet and support
Weight	20 Kg



ELECTRONIC KEY MACHINES FOR CYLINDER KEYS

UNOCODE 399 EVO

Unocode 399 Evo is quicker, quieter, easier to use and extremely reliable. It assures excellent cutting quality of flat cylinder or vehicle keys with single or double sides.

- ◆ Unocode 399 Evo reads and cuts the key simultaneously (Stand-Alone mode) and introduces clamps with rapid rotating system and torque controlled knob, and new on board screen with colour graphic display.
- ◆ It provides maximum running flexibility due to the
- ◆ possibility to create personalised cards (Stand-Alone) on board and to download cards created with Code Maker Program (with Personal Computer).
- ◆ 1 USB port and 1 RS232 port connectivity.
- ◆ Automatic calibration.
- ◆ User friendly keyboard.
- ◆ Possibility to add a 3rd axis to activate the optional tilting and rotating clamps.



KEY TYPES



OPTIONAL ACCESSORY



Automatic key feeder

TECHNICAL DATA

Motor	one speed, single phase
Power supply	230V/50Hz
Clamp	universal 4 sided clamp to grip flat, car and cruciform keys
Cutter	hard metal
Movements	on 2 axes with ball screws activated by step motors, on rectified roller guides
Dimensions	width: 450 mm, depth: 600 mm, height: 440 mm (with raised shield 680 mm)
Weight	38 Kg

ELECTRONIC KEY MACHINES

FOR CYLINDER KEYS



UNOCODE 399 PLUS

Unocode 399 Plus is the new Silca electronic machine for the cutting of flat cylinder or vehicle keys with single or double sides.

- ♦ Accurately designed, it adds a high degree of cutting precision to operating speed and ease of use.
- ♦ Unocode 399 Plus is an electronic machine operating on two axes (3rd axis optional) with controlled movements.
- ♦ Unocode 399 Plus can be used by entering the key code directly by means of the machine keyboard or linking to a Personal Computer and Silca software.
- ♦ Key cutting by direct code (S.A. / PC). Key cutting by indirect code (PC). "Code Maker" available also in S.A. mode (data card creation or editing).



KEY TYPES



OPTIONAL ACCESSORIES

- Automatic key feeder
- Unloading sorter kit
- Swarf vacuum system

TECHNICAL DATA

Motor	one speed, single phase
Power supply	230V/50Hz
Clamp	universal 4 sided clamp to grip flat, car and cruciform keys
Cutter	hard metal
Movements	on 2 axes with ball screws activated by step motors, on rectified roller guides
Dimensions	width: 500 mm, depth: 700 mm, height: 700 mm (with raised shield 900 mm)
Weight	51 Kg



ELECTRONIC KEY MACHINES FOR CYLINDER KEYS

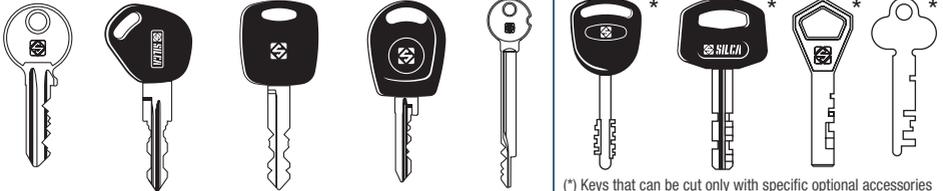
UNOCODE 299

Unocode 299 is an innovative Silca electronic key-cutting machine for the code cutting of flat keys for cylinders and cars. Unocode 299 represents a new generation machine designed to work either Stand Alone or with a Personal Computer.

- ◆ Thanks to a special automatic depth calibration system by means of electric contact, Unocode 299 makes it possible to detect the correct cutting depth automatically, regardless of the clamp side that is used.
- ◆ Carries out automatically the calibration of: axis, clamps, cutter.
- ◆ On board software and machine memory contains 2.000 data cards, the machine program and database can be updated and rewritten through updates, directly transferred by special functions selected with the Win Silca Code Program.



KEY TYPES



(*) Keys that can be cut only with specific optional accessories

TECHNICAL DATA

Motor	one speed, single phase
Power supply	230V/50Hz
Clamp	universal 4 sided clamp to grip flat, car and cruciform keys
Cutter	HSS (Super Rapid Steel), optional carbide
Movements	on 2 axes with ball screws activated by step motors, on rectified roller guides.
Dimensions	width: 500 mm, depth: 500 mm, height: 420 mm (with raised shield 650 mm)
Weight	34,5 Kg

ELECTRONIC KEY MACHINES

FOR CYLINDER KEYS



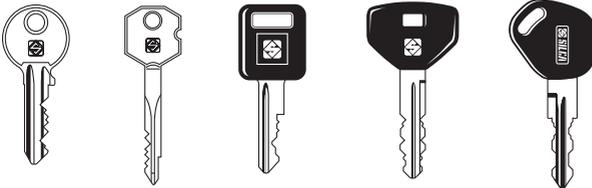
UC199

UC199 is the Silca electronic, compact and high precision key-cutting machine for single and double sided flat keys and cruciform keys.

- ◆ High reading precision through the electronic optical reader.
- ◆ Two types of uses: Stand-Alone and PC driven.
- ◆ Semi-automatic gauging function for both standard and automatic clamp.
- ◆ Four-sided clamps for housing a wide range of keys with different features.
- ◆ Communication with SCP (Silca Code Program - SKP) and other software programs dedicated to key business available in the market.
- ◆ Web updates via SKP (Silca Key Programs).



KEY TYPES



OPTIONAL ACCESSORY



TECHNICAL DATA

Motor	one speed, single phase
Power supply	230V/50Hz
Clamp	universal 4 sided clamp
Cutter	carbide
Movements	on 2 axes with ball screws driven by step motors on rectified roller guides
Dimensions	width: 396 mm (with optional box for keys: 458 mm), depth: 543 mm, height: 386 mm (with raised shield: 590 mm)
Weight	43 Kg with standard clamp, 50 Kg with optional feeder unit



ELECTRONIC KEY MACHINES

FOR LASER AND DIMPLE KEYS

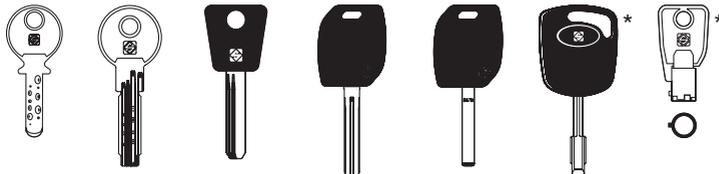
FUTURA ONE

Futura One is the innovative electronic key cutting machine for laser and dimple keys from Silca.

- ♦ The machine movements on 3 axes are entirely automated, while the tablet-integrated software guides you step-by-step in all key cutting operations.
- ♦ The 10" touch-screen tablet integrates Silca Key Programs software's main data and functions, allowing you to search through the largest key database available on the market and keep it updated over time through the internet.
- ♦ Optimized and flexible cutting station: Laser and dimple keys are decoded by electric contact. Calibration is automatic for all types of keys. The clamp with interchangeable jaws extends the range of keys duplicated, while reducing the costs of optional accessories.



KEY TYPES



(*) In order to copy these keys, specific optional accessories are required.

MODELS:

Futura One
Futura One Abus®

TECHNICAL DATA

Motor	24V dc
Power supply	90/264V - 50/60Hz
Movements	on 3 axes
Carriage runs	30 mm axis X, 50 mm axis Y, 27 mm axis Z
Cutter	HSS (Super Rapid Steel)
Dimensions	width: 318 mm, depth: 413 mm, height: 340 mm (with tablet and support: 520 mm)
Weight	20 Kg

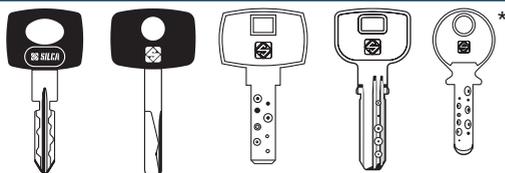
TRIAX QUATTRO

Automatic electronic key-cutting machine for cutting and engraving laser and dimple keys.

- ◆ Large colour graphic display on machine.
- ◆ Innovative software functions designed to meet the needs of key cutters, from the simplest to the most complex.
- ◆ The innovative R13 tilting clamp (optional), motorized for angulated cuts ($\pm 45^\circ$), ensures top quality cutting performance with high speed cutting cycles. The R13 motorized clamp with its ergonomic design has been planned for fitting on the machine in just a few seconds.
- ◆ Manual Tilting Clamp for Angulated Cuts (R4) (optional).
- ◆ Cutter holder.
- ◆ Triax Quattro can be updated through the USB PEN provided.

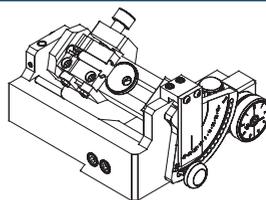


KEY TYPES



(*) Keys with angulated cuts (only with R13 or R4 optional clamp).

R4 OPTIONAL CLAMP



TECHNICAL DATA

Motor	36V- 200W
Power supply	230V/50Hz
Clamp	R1+R12 universal, interchangeable
Movements	On 3 axes with ball screws activated by step motors, on rectified roller guides
Carriage runs	upper axis X:32 mm, lower axis Y:57 mm, vertical axis Z:30 mm
Dimensions	width: 450 mm, depth: 600 mm, height: 510 mm (with raised shield 680 mm)
Weight	51,5 Kg



ELECTRONIC KEY MACHINES FOR LASER KEYS

VIPER

Viper represents the latest high-technology and high-quality electronic key cutting machine for laser keys cutting, both transponder and non transponder keys.

- ♦ Viper guarantees high precision while cutting any laser key type and fast duplication time even for the most complex key models.
- ♦ Universal adjustable clamp with 3 different jaws.
- ♦ Dedicated tracer/cutter set to duplicate a larger number of laser keys.
- ♦ Exclusive system with manual adjustment of clamp and tools driven by on board software procedure.
- ♦ All operations can be done directly from the keyboard.



KEY TYPES



OPTIONAL ACCESSORY



Silca Edge Kit



Kit for cutting flat vehicle keys (with single and double sides).

TECHNICAL DATA

Power supply	230V/50Hz
Motor	1 speed - 2.850 rpm
Movements (axes)	X and Y: automatic axes; Z: manual axis
Runs	X= 35 mm / Y= 54 mm
Standard clamp	universal and adjustable clamp with 3 different jaws
Dimensions	width: 400 mm, depth: 500 mm, height: 500 mm
Weight	44 Kg

ELECTRONIC KEY MACHINES

FOR BIT AND DOUBLE BIT KEYS



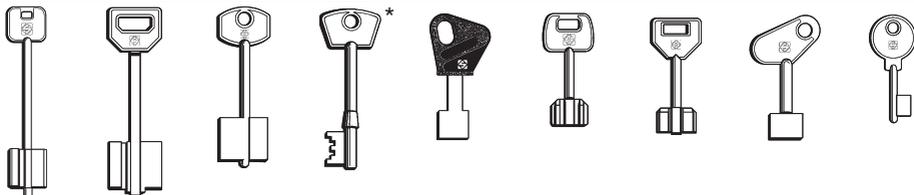
IDEA

Electronic key cutting machine for code cutting and copying bit and double bit keys, pump keys and 'English' keys* (with shoulder).

- ◆ Idea carries out a wide range of operations automatically, ensuring precision within hundreds of millimeters and speed for the cutting cycle of any type of key.
- ◆ Innovative gauging system by electrical contact which makes it possible to identify the correct dimensions of the key automatically with absolute precision.
- ◆ Absolute precision in reading the key, thanks to the patented laser optical reader.
- ◆ Automatic optical reader gauging.
- ◆ Universal clamp, 360° rotation, used for cutting both sides of the key bit.



KEY TYPES



TECHNICAL DATA

Power supply	230V/50Hz
Motor	1 speed - 2.850 rpm
Clamp	360° rotating universal clamp, controlled by magnetic positioning sensor
Axes runs	X=37 mm, Y=40 mm (B=360° rotation)
Cutter speed	800 rpm
Dimensions	width: 400 mm, depth: 520 mm, height: 450 mm (with raised shield: 720 mm)
Weight	46,4 Kg



ELECTRONIC KEY MACHINES

AUXILIARY DEVICES

OPTIKA

Optika, Silca's key reading device, suggests in a reliable way the possible key blanks to make a copy. Optika can recognise the profiles of all the following key types: flat cylinder keys, bit keys, double bit keys, pump keys, dimple keys. It can read the cuts of flat cylinder keys, bit keys, double bit keys and pump keys, and can verify if the duplicated key is acceptable in comparison with the original one.

- ◆ Key profile reading of most key types: flat cylinder, bit, double bit, pump, dimple keys.
- ◆ Comparison with the original key including the key cuts within predefined tolerances..
- ◆ Unique jaw support for all key types with innovative open-close system.
- ◆ Graphic display with reading results in real time.
- ◆ Can be used with Personal Computer or in Stand-Alone mode.
- ◆ Key profile storage up to 20.000 profiles in the Stand Alone device memory.
- ◆ Easy and fast customization of key profiles archive.



KEY PROFILE READING

The Operator can select the key profile searching criteria between three predefined reading modes: fine, standard and extended.

TECHNICAL DATA

Dimensions	width: 190 mm, depth: 480 mm, height: 400 mm
Weight	9 Kg

OPTIKA LIGHT

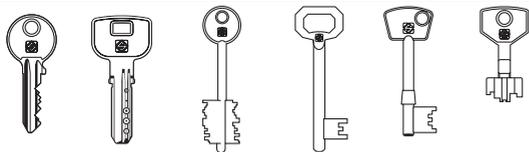
Optika Light can recognise the profiles of all the following key types: flat cylinder, bit, double bit, pump and dimple keys. It can also read the cuts of bit, double bit and pump keys and send the data to the Idea electronic key cutting machine to make a key copy.

- ◆ Profile reading of the following key types: cylinder, bit, double bit, pump and dimple.
- ◆ Key cuts reading for bit, double bit and pump keys.
- ◆ Specific database for geographical areas: a complete database of Silca references organized into macro geographical areas. When searching for a profile, users may choose the appropriate geographical area to achieve the results best suited to their market.
- ◆ Users may create their own Silca reference database using the Key Reader Program (DVD available on request and updatable on the web).
- ◆ Updating Optika Light data is easy and immediate via pen drive (provided).
- ◆ Optika Light can be easily upgraded to standard Optika version (P.C. driven).



Key cut comparison not available.

KEY TYPES



ACCESSORIES PROVIDED



Pen Drive



Light shade device for bit and pump keys.

TECHNICAL DATA

Dimensions

width: 190 mm, depth: 480 mm, height: 400 mm

Weight

9 Kg

MARKER 2000

Marker 2000 is the first professional electronic machine to use a micropoint system of engraving without the removal of material, specially designed for the marking of keys, cylinders, plaques and medals.

- ◆ Marker 2000 engraves any type of metal: silver nickel, brass, steel, ensuring high precision and excellent quality.
- ◆ Can be adapted for the application of over 15 different clamps.
- ◆ Wide choice of characters and graphics contained in the menu.
- ◆ Many optional clamps.
- ◆ Marker 2000 can also be linked to other electronic key cutting machines and its compact design facilitates its installation anywhere.



TECHNICAL DATA

Power supply	230V/50Hz
Punch	interchangeable, in super rapid tempered steel alloy
Max punch frequency	80 punches per second
Movements	on 2 axes
Marker runs	X-axis: 50 mm, Y-axis: 35 mm
Dimensions	width: 220 mm, depth: 320 mm, height: 450 mm
Weight	20 Kg



AUTOMOTIVE SOLUTIONS

Silca and Advanced Diagnostics offer an extensive and complete automotive solution.



FAST COPY PLUS

Fast Copy Plus is a cloning tool for reading and copying in stand-alone mode a wide variety of transponders.

- ◆ Detects if keys are equipped with Transponders or not, identifying the type. Can also identify different types of Crypto Transponders.
- ◆ Reads and displays alphanumeric fixed code transponders.
- ◆ Fast Copy Plus is the unique device which can decode and copy in stand alone mode the following types of transponders:
 - Philips® Crypto ID40, ID41, ID42, ID4W and ID45;
 - Philips® Crypto 2 ID46;
 - Texas® Crypto ID4D;
 - Texas® Crypto 2 ID6F;
 - Texas® Crypto 3 ID6A;
 - Megamos® Crypto ID48-A and ID48-K;
 - Texas® fixed code ID4C;
 - Temic®, Philips® and Megamos® fixed code;
 - Copy keys Holden® Commodore type 1 and 2.
- ◆ An unlimited number of transponder codes can be archived using Personal Computer and Silca Transponder Program.
- ◆ Machine memory update via USB or RS232 connection.
- ◆ Identification of the type of transponder or Silca electronic head to use in order to copy the original key.



TECHNICAL DATA

Machine power supply	15Vdc - 10W
Universal power provider	100/240 Vac - 50/60 Hz 15 Vdc - 3A
Dimensions	width: 245 mm, width: 160 mm, height: 80 mm
Weight	600 g

RW4 PLUS

RW4 Plus is a cloning device for reading and copying in stand-alone mode a wide range of transponders.

- ◆ RW4 Plus reads and displays (on the RW4 Plus' display) alphanumeric fixed code transponders. Can also identify different types of Crypto transponders.
- ◆ RW4 Plus is the unique device which can decode and copy in stand alone mode the following types of transponders:
 - Philips® Crypto ID40, ID41, ID42, ID4W and ID45;
 - Philips® Crypto 2 ID46;
 - Texas® Crypto ID4D;
 - Texas® Crypto 2 ID6F;
 - Texas® Crypto 3 ID6A;
 - Megamos® Crypto ID48-A and ID48-K;
 - Texas® fixed code ID4C;
 - Temic®, Philips® and Megamos® fixed code;
 - Copy keys Holden® Commodore type 1 and 2.
- ◆ Code generation: RW4 Plus is able to generate codes for certain fixed code transponders.
- ◆ Filing: up to 99 codes can be archived (S.A.). Archive can easily be deleted for new code archiving. Codes archiving unlimited when used with P.C. (Silca Transponder Program).
- ◆ Mains operated and portable unit (power supply through cigar lighter wire).



RW4 PLUS - GTI KIT



TECHNICAL DATA

Machine power supply	15Vdc - 10W
Universal power provider	100/240 Vac - 50/60 Hz 15 Vdc - 3A
Dimensions	width: 245 mm, width: 160 mm, height: 80 mm
Weight	600 g

AD100 PRO

AD100 Pro is a portable diagnostics device for programming keys and remotes for most vehicle makes available on the market, including proximity, smart and flip keys. The tool guides the user through the various processes necessary to programme keys and remotes.

- ◆ Read and clear fault codes.
- ◆ Clear key memory.
- ◆ Program keys, proximity keys, smart keys, flip keys, remotes.
- ◆ Program aftermarket and OEM keys and key fobs.
- ◆ Read immobiliser pin codes.
- ◆ Read pre-code data.
- ◆ Display live data.
- ◆ Component actuation.
- ◆ ECU identification.
- ◆ Simple user interface.
- ◆ The software coverage offered by AD100 Pro is extensive and developed for most makes of vehicles currently on the market, including over 60 car manufacturers worldwide. The software modules can be purchased as required, downloaded easily online 24/7 and installed directly onto the device.



AD100 PRO KIT



TECHNICAL DATA

Alimentation	12v (from vehicle/mains)
Connection	to vehicle via OBD socket
Interface	CAN bus, USB PC
Dimensions	width: 262 mm, depth: 218 mm, height: 47 mm

MVP PRO

MVP Pro is a diagnostics tool that offers the same coverage and functionality as AD100 Pro, but on a “pay as you go” basis, using digital tokens. The device is supplied with all available software free and can be continually updated via the internet.

- ◆ Read and clear fault codes.
- ◆ Clear key memory.
- ◆ Program keys, proximity keys, smart keys, flip keys, remotes.
- ◆ Program aftermarket and OEM keys and key fobs.
- ◆ Read immobiliser pin codes.
- ◆ Read pre-code data.
- ◆ Display live data.
- ◆ Component actuation.
- ◆ ECU (Electronic Control Unit) identification.
- ◆ Simple user interface.
- ◆ MVP Pro offers the same coverage and functionality as the world leading AD100 Pro, but at a fraction of the cost thanks to the use of digital tokens, which are deducted when keys are programmed.
- ◆ MVP Pro is supplied with all available software free. When new software modules are released, they can be easily downloaded onto the MVP Pro free of charge via the internet.



MVP PRO KIT



TECHNICAL DATA

Alimentation	12v (from vehicle/mains)
Connection	to vehicle via OBD socket
Interface	CAN bus, USB PC
Dimensions	width: 262 mm, depth: 218 mm, height: 47 mm

SMART DONGLE

The innovative Smart Dongle designed by Advanced Diagnostics has many features and benefits for the automotive locksmith providing a unique solution that replaces the current range of dongles with one automatic configurable dongle. Smart Dongle is suitable for use with AD100 Pro and MVP Pro.

- ◆ Automatically configures programmer for car key/remote programming.
- ◆ Can be used on all makes of cars worldwide.
- ◆ Integration of the security calculator and smartcard is a significant benefit by automating the security process.
- ◆ Integrated smartcard / calculator security.
- ◆ Expansion port for additional hardware.
- ◆ With the addition of the Smart EEPROM cable you will be able to read EEPROM data to generate transponders and read pin codes directly from EEPROM.
- ◆ User-friendly and portable.



AD *ADVANCED*
DIAGNOSTICS

TECHNICAL DATA

Alimentation	Powered by programmer
Updates	updated via the AD Loader Program
Dimensions	width: 98 mm, height: 84 mm, depth: 34 mm
Weight	175 g

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POBV-4

Printed in Italy 10/2015

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