



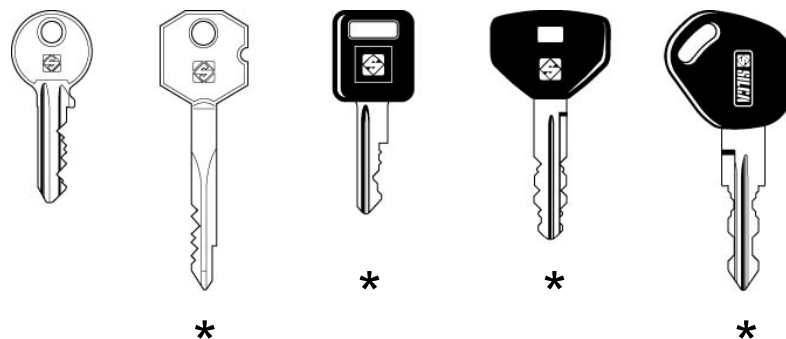
UC199





UC199

New electronic, compact and high precision key-cutting machine for single and double* sided flat keys and cruciform* keys.



UC199 is designed and produced entirely to CE mark European standards.

* Keys to be cut only with the 4 sided clamp provided



UC199 - Plus

- High reading precision through the electronic optical reader.
- High cutting precision.
- **Fast key-cutting cycle**
Copying from original, for simultaneous reading of original key and key cutting: approx. 20 seconds for flat keys with 5 pins.
- Compact dimensions and ergonomic shape.



Ergonomic
and
compact



High
reading
precision



High cutting
precision



Fast key
cutting
cycle



UC199 - Plus

- High quality carbide cutter (standard).
- Two types of uses: Stand-Alone and PC driven.
- Web updates via SKP (Silca Key Programs).
- Communication with SCP (Silca Code Program - SKP) and other software programs dedicated to key business available in the market.
- **Exclusive: with UC199 6 months of FREE Silca Code Program Software!**



Carbide
cutter



User
friendly



Stand-Alone
and PC driven
mode



Stand-Alone
and PC
mode



UC199 - Plus

Movements

- Automatic movements on the X and Y axes.
- Electronic movement controlled by step motors.

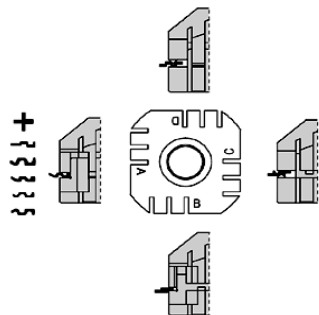
Software

- Machine software with user friendly menu and advanced machine test functions.
- RS232 serial port for connection to a Personal Computer for updating.
- Web updates via SKP (Silca Key Programs).

Exclusive:
With UC199 6 months of FREE Silca Code Program Software!



Universal 4 sided clamp



UC199 - Characteristics

Universal four sided clamp (standard)

Four sided reading and cutting clamp for housing a wide range of flat single and double sided keys and cruciform keys.

Electronic Optical Reader



Electronic Optical Reader

Key reading by means of an electronic optical reader:

- Absolute precision and reliability in reading the key cuts.
- **Exclusive Advantage:** Original key is protected as there is no contact with it.



UC199 - Characteristics

- Keypad with retro-illuminated display: ergonomic and situated on the front of the machine.
- Automatic counting function of the cut keys at the end of each cutting cycle.
- User friendly software, thanks to Silca Code Program supports all needs of data storage and multiple functions.





UC199 - **Characteristics**

Semi-automatic gauging system

UC199 has a semi-automatic gauging system for both the standard and automatic clamp.

Work Area

- Neon lamp to illuminate work area (“ON” with machine on).
- Basic 9-key keypad, with retro-illuminated 4x20 character display.
- Two side trays for excellent swarf collection.



UC199 - **Characteristics**

Safety

- Buzzer with different sounds for end of cycle (=cut key ready) and alarm status (=machine stopped, inspection required)
- Semi-transparent safety shield to protect the operator, with microswitch control.
- Emergency stop push button conveniently situated on machine front.





Cutting Methods

UC199 performs high quality key duplication **copying from original key**, **copying with adjustments** (Stand-Alone Mode), **copying by code and decoding** (PC Mode with Silca Key Programs).

*Stand-Alone
and PC
mode*

Copy from Original (Stand -Alone Mode)



The electronic optical reader makes it possible to **simultaneously read the cutting profile and cut the key blank (approx. 20 seconds for flat keys with 5 pins).**

Copy with Adjustments (Stand -Alone Mode)



Used to make manual adjustments to very worn keys or to eliminate imperfections in the cutting depth and/or pitch of the original key.

Copy by Code and Decoding (PC Mode)



Copying by code and decoding (PC mode with Silca Key Programs).



Standard Accessories

- High quality carbide cutter.
- Full set of accessories for key cutting machine use and maintenance.
- Universal 4 sided clamp for single and double sided flat keys and cruciform keys.



Optional Accessories

- Automatic Feeder Unit.



Technical Data	
Power supply	230V - 50Hz (maximum absorbed power: 2 Amp. 250 Watt)
Cutter motor	1 phase, optimized single speed
Cutter	carbide cutter
Movements	on 2 axes with ball screws driven by step motors on rectified roller guides and ball bushes
Standard clamp	universal 4 sided clamp for single and double sided flat keys and cruciform keys
Axes-Runs	X axis: 74 mm Y axis: 45 mm
Dimensions	width: 396 mm (with optional box for keys: 458 mm) depth: 543 mm height: 386 mm (with safety shield up: 590 mm)
Mass	43 Kg (with standard clamp) 50 Kg (with optional Feeder Unit)



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