



**AD** *ADVANCED*  
DIAGNOSTICS™



# SMART Pro MERCEDES\* SOLUTION



# SMART Pro

## MERCEDES\* SOLUTION

The Smart Pro Mercedes\* Solution is the fast, reliable way to programme slot keys compatible with Mercedes\* models produced from 1996 to 2014.

It requires the combined use of the Smart Programmer device, the dedicated Mercedes\* software module ADS2298, the Silca slot key HU106S23, and the Smart Pro.

### MERCEDES\* KIT

In the kit you will find everything you need to start your Mercedes\* key programming business. It includes:

- the Smart Programmer ADC260;
- 3 Silca slot keys HU106S23.



### VIDEO TUTORIALS

Video tutorials of the procedure are available online at [www.silca.biz](http://www.silca.biz) and MYKEYS Pro.



## Main Features

### Fully integrated solution

Duplicate keys compatible with popular Mercedes\* models with the fully integrated Mercedes\* Solution. It consists of:

- the Smart Programmer ADC260, connecting to the Smart Pro via USB cable and equipped with an emulator key;
- a dedicated software module, available onboard the Smart Pro and automatically activated when the Smart Programmer is connected to the Smart Pro;
- the Silca slot key HU106S23;
- the Smart Pro is also required.

### Guided procedure

The Smart Pro guides you step-by-step through the programming procedure. You can read data either from the OBD cable, which is always connected to the vehicle when programming, or from the ignition unit using the key emulator.



The Smart Programmer connects to the rear of the Smart Pro via the USB cable



Smart Programmer and slot key HU106S23

### Online connection needed

The Smart Pro must be connected to the internet and an original key is required to complete the procedure. Data are decrypted from the original key and encrypted into the Silca key via a cloud solution.

### Password retrieval at no cost

The password needed to complete the programming procedure is calculated in the background by the server. Its retrieval requires no additional costs or tokens.

### No tokens needed

The Mercedes\* Solution is always available to customers purchasing the Smart Programmer. No additional tokens are required.

### Quality replacement key

The Silca HU106S23 key is a quality, CE-approved replacement slot key in the familiar Mercedes\* form. The key is rewritable and multi-frequency.

### CE-approved equipment

All the equipment is manufactured in compliance with CE standards for a quality and reliable solution.



# The Solution

## SMART PROGRAMMER ADC260

The Smart Programmer ADC260 is the lightweight, easy-to-use device for programming Mercedes\* keys in combination with the Smart Pro.

- The key emulator simulates the original key to read data from the car immobilizer. It perfectly fits the ignition unit of vehicles supported by this solution.
- The base station features an infrared slot for key reading and writing. It lodges in the Smart Aerial slot at the back of the Smart Pro.
- The device is connected to the Smart Pro via USB port.



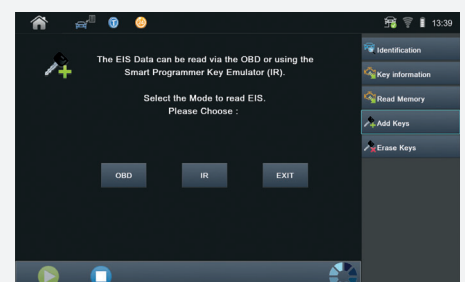
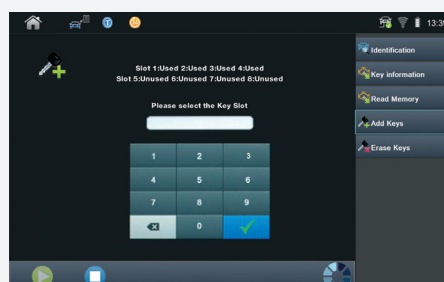
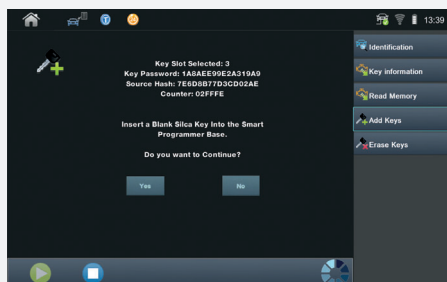
## SILCA SLOT KEY HU106S23

- Ready-to-programme with the PCB, infrared technology and emergency blade HU106 included.
- 3 function buttons for lock, unlock and boot release.
- Infrared technology allows you to automatically open and close the windows just like original keys.
- 3-button key adds the boot open functionality to a 2-button original key.
- Possibility to reset and rewrite the key in case of mistakes while programming.
- Default key configuration is 433MHz, but a frequency of 315MHz can be set in the markets where allowed.



## SOFTWARE ADS2298 FOR MERCEDES\*

Dedicated software has been developed to guide you through the programming procedure. The software is automatically enabled when connecting the Smart Programmer to the Smart Pro.



- The software provides step-by-step instructions and guides you through the entire programming procedure, making it a seamless process.
- The software shows the unused slots among the 8 keys available on a Mercedes\* vehicle to avoid overwriting an existing working key.
- Choice of standard OBD or emulator key procedure to ensure maximum vehicle coverage.



# Mercedes\* Application List (Update 07/2021)

MODEL	CHASSIS	FROM	TO	BUTTONS	KEY TYPE	PROFILE
A-CLASS	W169	2004	2012	3	FBS3	HU106
A-CLASS	W176	2012	2014	3	FBS3	HU106
B-CLASS	W245	2005	2011	3	FBS3	HU106
B-CLASS	W246	2011	2014	3	FBS3	HU106
C-CLASS	W203	2000	2008	3	FBS3	HU106
C-CLASS	W204	2007	2014	3	FBS3	HU106
CL	W215	1999	2006	3	FBS3	HU106
CL	C216	2006	2013	3	FBS3	HU106
CLA	C117	2013	2014	3	FBS3	HU106
CLK	W208	1997	2002	3	FBS3	HU106
CLK	W209	2003	2010	3	FBS3	HU106
CLS	C219	2004	2010	3	FBS3	HU106
CLS	C218	2010	2014	3	FBS3	HU106
E-CLASS	W210	1996	2002	3	FBS3	HU106
E-CLASS	W211	2002	2009	3	FBS3	HU106
E-CLASS	W212	2010	2014	3	FBS3	HU106
G-WAGON	W463	2000	2007	3	FBS3	HU106
GLA	X156	2013	2014	3	FBS3	HU106
M-CLASS	W164	2005	2011	3	FBS3	HU106
M-CLASS	W166	2011	2014	3	FBS3	HU106
R-CLASS	W251	2005	2013	3	FBS3	HU106
S-CLASS	W220	1998	2005	3	FBS3	HU106
S-CLASS	W221	2005	2013	3	FBS3	HU106
SL	R230	2001	2005	3	FBS3	HU106
SL	R230	2005	2011	3	FBS3	HU106
SLK	R171	2004	2011	3	FBS3	HU106
SLK	R172	2011	2014	3	FBS3	HU106
SLS	R197	2010	2014	3	FBS3	HU106
SPRINTER	W906	2006	2018	3	FBS3	HU106
VIANO	W639	2003	2014	3	FBS3	HU106
VITO	W639	2003	2014	3	FBS3	HU106

## Smart Pro Mercedes\* Solution - Plus



Integrated  
solution



Smooth  
procedure



CE  
certification



Quality  
replacement key



Easy to carry  
solution



User-friendly  
software