

# TECDATA

## THE POWERFUL DIAGNOSTIC SCANNER FOR THE INDEPENDANT AUTOMOTIVE WORKSHOP

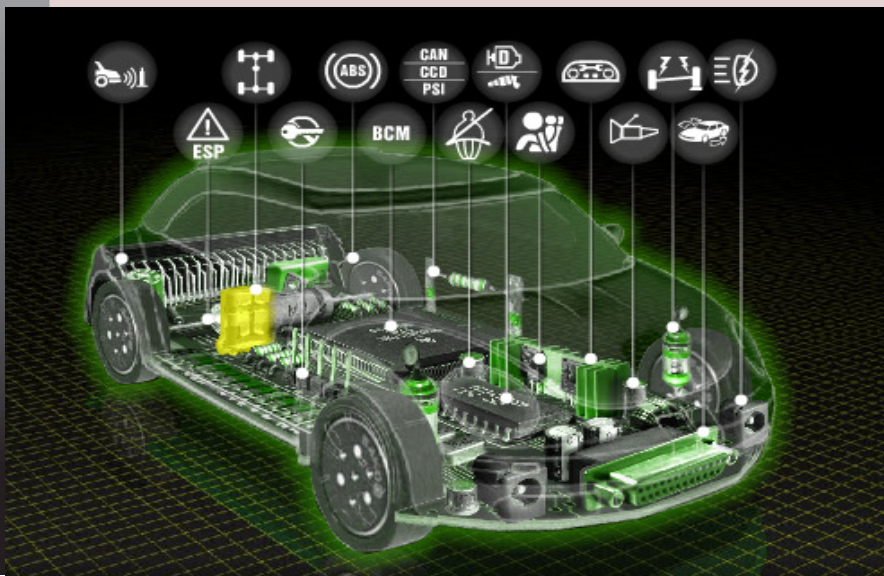


POWERED BY

**Autodata**<sup>®</sup>



- FAST
- EASY
- HANDY
- POWERFUL
- AFFORDABLE



CONTINUES TO  
WORK ALSO  
WITHOUT  
UPDATES

## STRONG POINTS



1. The high tech diagnostic scanner SPC MAX has access to 100 car manufacturers with 29134 models for the following Systems: Anti-theft, Comfort, Petrol and Diesel injection systems, ABS, Airbags, Air conditioning, Service-reset, Immobilizer, Automatic transmission, 4x4 Wheel drive, CAN systems, codifying, Calculators, etc.

2. The SPC MAX uses automatic pin-search.
3. The scanner has the ability to perform 64 PARAMETER/LIVE DATA readings in real-time.
4. At this point there are 7484 systems operational and if available an automatic system detection can be used.
5. The scanner has an ingenious, self-building and growing system which enables you to add non registered systems.
6. De software contains up to 40.000 diagnostic messages and the confirms the universality and power of the scanner.
7. The SPC MAX can be delivered with a Bluetooth Kit for wireless connection with the PC.
8. The scanner is equipped with a 2 channel oscilloscope and a voltmeter. ( SPC MAX )
9. A kit with original connectors of 20 constructors + other connectors are available for vehicles without EOBD / OBD II connection. ( option SPC MAX )
10. A special connection cable as well as a unique set of pins that are connected according to a diagram on your screen can be used for vehicles without EOBD / OBD II connector. ( SPC MAX )
11. Constant software development and extension of the vehicle database.
12. Automatic update: de SPC MAX software remains operational and can be actualized with affordable updates twice a year.
13. Technical helpdesk via phone, fax or email.

Supported protocols: CAN, Multiplexer, ISO 11898, K, L, ISO 9141-2, ISO 14230, SAE J1850

PWM VPW, ISO 11519-2, SAE J1708 EOBD: ISO 15031-5, ISO 15765-4

# TECDATA

## CONTENT

The **DIAGNOSTIC SCANNER SPC MAX** is delivered with the following components:



## OPTION

**BLUETOOTH TECHNOLOGY  
FOR WIRELESS  
CONNECTION WITH PC**

### KIT WITH ORIGINAL CONNECTORS

- BMW 20 PINS
- CHRYSLER 6 PINS
- FIAT/ALFA/LANCIA 3 PINS
- FORD 7 PINS
- GM/DAEWOO-OPEL 12 PINS
- HONDA 3 PINS
- HYUNDAI/MITSUBISHI 12 PINS
- KIA 20 PINS
- MAZDA 17 PINS
- NISSAN 14 PINS
- TOYOTA 17 PINS
- VW/AUDI/SEAT/SKODA  
3 CONNECTORS

**SPECIAL KIT WITH 3 MERCEDES-BENZ  
CONNECTORS**

SPC MAX INTERFACE

SOFTWARE ON CD

CONNECTION CABLE OF 5  
METERS

RCA M-M

CIGARETTE LIGHTER

CROCODILE CÂBLE

5 END CONNECTION CABLE

USB CONNECTION CABLE

RCA CABLE WHITE FOR  
OSCILLOSCOPE

RCA CABLE BLUE FOR  
OSCILLOSCOPE

MASS CABLE FOR  
OSCILLOSCOPE

CONNECTOR OBDII/EOBD

19 PINS V/A  
VERT-JAUNE

CABLE FOR FEEDING

LUXURIOUS SUITCASE





## IMPORTANT SOFTWARE DEVELOPMENT OF THE TECDATA DIAGNOSTIC SCANNER SPC MAX



The new software of the TECDATA DIAGNOSTIC SCANNER has been rewritten and reprogrammed completely and has received the name EXPERT MODE. The way of working remains easy and logic.

The selection of the car is done by making the selection of the brand, followed by construction year, the car model, cylinder capacity and engine code. The vehicle selection is maintained if you want to read out several systems.

After this you can select the desired type of system such as ABS, Airbag, Air conditioning etc. The most probable system is mentioned automatically in the field REGISTERED SYSTEMS FOR THIS VEHICLE.

The screenshot shows the 'INFORMATION' window of the SPC MAX software. It features four dropdown menus for selecting vehicle details: MAKE (PEUGEOT), YEAR (2010), MODEL (207), and CYLINDER CAPACITY (1.4). Below these, a table lists engine types and their corresponding power and production years.

ENGINE TYPE:			
MOTOR	KW	FROM...	TO...
KFV (TU3JP)	54	2006	2011
KFV	55	2006	2011
KFW	55	2008	2012
KFT	54	2009	2013

At the bottom, there are buttons for 'BACK' and 'CONTINUE', along with a row of diagnostic functions: MALFUNCTIONS MATCHING WITH BSI CODIFICATION, LIVE DATA READ ACTUAL CODING, ACTUATORS RESTORE ADAPTATION VALUES, CONFIDENTIAL CODE LEARNING CLEAR MALFUNCTIONS, and READ ACTUAL CODING ADAPTATION VALUES CLEARING.

Because even the most powerful diagnostic scanner cannot cover 100 percent of the available vehicles, the SPC MAX is equipped with an ingenious and self-growing database.

The screenshot shows the 'DATA BASE' window of the SPC MAX software. It displays the selected vehicle (PEUGEOT 207 / 1.4) and a list of 'SYSTEMS REGISTERED FOR THIS VEHICLE'. The list includes various Bosch Motronic and Sagem/Johnson Controls systems. Below this, there is a section for 'ALL THE INJECTION SYSTEMS' and 'SYSTEMS WITH DIAGNOSIS BY K LINE'. At the bottom, there are buttons for 'BACK' and 'SCANNER', along with a row of diagnostic functions: MALFUNCTIONS READ ACTUAL CODING, LIVE DATA, ACTUATORS CODIFICATION, CONFIDENTIAL CODE LEARNING CLEAR MALFUNCTIONS, and MATCHING WITH BSI ADAPTATION VALUES CLEARING.

If the registered system is not yet indicated you can find the right system in the list with all the systems.

Finding the right system is often easy; you can check the calculator of the vehicle of you can check the technical information in the Autodata program.

After a successful reading you can add the system in the list of REGISTERED SYSTEMS for the model.

The vehicles of the brands BMW (ISO/CAN), Citroën (CAN, K line MPX), Fiat (CAN en CAN EP), Ford (SAE, K line, CAN), Honda (ISO / CAN), Mercedes-Benz (CAN), Peugeot (CAN, K line MPX), Renault (CAN), VAG-Groep (CAN), Volvo (CAN) have a function for reading out all the calculators simultaneously and erasing the trouble codes in the memory.



The new generation of this powerful and handy TECDATA DIAGNOSTIC SCANNER communicates with 7484 operational systems, de software contains almost 40.000 diagnostic messages and this confirms the versatility, the power and the abilities of the scanner.

## SOFTWARE INSTALLATION ON YOUR OWN PORTABLE



The software of the TECDATA DIAGNOSTIC SCANNER SPC MAX can be installed on several computers in your workshop. The Bluetooth technology offers the possibility to establish a wireless connection between the computer and the scanner.

### Minimum system requirements of your PC :

- Processor: 2 Ghz
- Memory: 2 GB RAM
- Harddisk: 2 GB available
- CD reader
- USB 2.0 port
- Windows XP SP3 - Vista - 7 – 8 or 10.



## HOW TO SELECT THE BEST SCANNER

- Don't be impressed by a number of vehicles (it may hide an empty box ...).
- Or by a list of calculators.
- But ask a list of operational systems ( for instance : Injection MP5.2 Peugeot or Bosch EDC16C3 ( commonrail), Lucas EPIC ( diesel control ), Siemens SID (Common rail etc.)

## ONLY THE NUMBER OF SYSTEMS DETERMINES THE QUANTITY OF COMMUNICATIONS WITH ELECTRONIC CALCULATORS

In technical language they speak of protocol dialogues and the quantity determines the versatility, the power and the abilities of the scanner.

When it comes to updating, not the number of updates is significant, but the addition of the number of operational systems is.

There are a lot of scanners that can perform certain operations, but only few of them have also access to comfort - and similar systems, for instance;

- Central locking
- Alarm system
- Audio, telephone and navigation
- Xenon lamps
- Comfort modules BSI, KBM, BCM
- Multiple information screens
- Air suspension
- Tire pressure control
- Cruise control
- Key programming

- Park assistance
- Windows wipers / windshield nozzles
- Rain sensor
- Electric seats
- Sliding roof
- Electronic ignition lock
- Light module COM 2000/2003
- CAN and MULTIPLEX
- Codifying calculators
- Etc., etc.

It is also useful to know if the scanner is capable of reading out vehicles that are not equipped with an EOBD connector, if this is available as option and how much it costs.

**Finally, ask if the updates are obligatory and if they are required in order to keep the scanner operational.**



## THE POWERFULL DIAGNOSTIC SCANNER FOR THE UNIVERSAL CAR WORKSHOP

- 100 MANUFACTURERS  
(also American brands )
- 29134 MODELS
- 7484 SYSTEMS

- ORIGINAL CONNECTORS OF  
CAR MANUFACTURERS
- WIRELESS BLUETOOTH  
TECHNOLOGY



- The SPC MAX is operated by a computer and is easy to use.
- The selection of the vehicles is done by brand and model or by system.
- All the instructions are clearly indicated on the screen, of course in the English language.

### CAR MANUFACTURERS

Alfa Romeo	Chevrolet USA	Geely	Land Rover	Opel	Soueast
Audi	Chrysler	General Motors	Lexus	Peugeot	Ssangyong
Autobianchi	Citroen	Holden	Lifan	Plymouth	Subaru
Autolatina	CN Auto	Honda	Lincoln	Pontiac	Suzuki
Bertone	Dacia	Hyundai	Mazda	Porsche	Toyota
BMW	Daewoo	Innocenti	Mercedes-Benz	Renault	Troller
Buick	Daihatsu	Isuzu	Mercury	Rover	Vauxhall
Cadillac	Dodge	Iveco	MG	Saab	Volkswagen
Chana	Faw	Jaguar	Mini	Saturn	Volvo
Changcheng	Ferrari	Jeep	Mitsubishi	Seat	Xiali
Changhe	Fiat	Kia Motors	Nissan	Skoda	Yugo
Chery	Ford	Lada	EOBD / OBD II ISO/SAE	Smart / MCCI	
Chevrolet	FSO	Lancia	Oldsmobile	Songhuajiang	

#### NEW GENERATION SPC MAX

- **DIAGNOSTIC SCANNER SPC MAX BASIC**  
*Vehicles equipped with an EOBD/OBD II connector*
  - ✓ Connection cable EOBD / OBD II
  - ✓ Aluminium suitcase
  - ✓ Wireless Bluetooth connection
- **DIAGNOSTIC SCANNER SPC MAX**  
*Vehicles with or without an EOBD / OBD II connector.*
  - ✓ Connection cable EOBD / OBD II
  - ✓ Aluminium suitcase
  - ✓ Wireless Bluetooth connection
  - ✓ Voltmeter
  - ✓ 2 Channel oscilloscope
  - ✓ Connection cable with unique pin set for older vehicles

#### TECDATA

Groenstraat 1  
2860 ST KATELIJNE WAVER  
BELGIUM

Tel: 0032 3 644 79 97

Fax: 0032 3 644 79 98

E-mail: [info@tecdata.be](mailto:info@tecdata.be)

Web: [www.tecdata.be](http://www.tecdata.be)

