



# ELECTRONIC DIAGNOSTIC *Solutions*





## ELECTRONIC DIAGNOSTIC

STEP INTO THE WORLD OF  
ADVANCED DIAGNOSTICS

Modern diagnostics are complex and unavoidable. Manufacturer lockouts (Secure Gateway\*) and workshop difficulties (Passthru\*\* telecoding) are on the increase.

To avoid refusing service and gain autonomy, we offer several solutions.

- CLAS with Thinkcar for hardware solutions.
- CLAS with DAF Conseil for technical support.

**CLAS**

The purchase of a CLAS/Thinkcar tool automatically includes  
“Tool” Technical Assistance:

- Re-pairing a Bluetooth device
- Associating the tool with customers' wifi
- Reinstalling/updating diagnostic case software
- Updating devices
- Connecting printers to the tool
- Remote control
- Sending procedures

## Technical Assistance:

04 79 72 94 04

[www.clas.com](http://www.clas.com)**DAF conseil**  
BOOSTER DE PERFORMANCES

As an option, we offer “Diagnostic” Assistance  
(subscription required).

- Repair and maintenance assistance for light vehicles (LV)
- Manufacturer's overhaul and scale times
- Resetting of maintenance services
- Assistance in resolving LV/LCV/LCV breakdowns
- Meaning and interpretation of fault codes
- Explanation of technical information for fault resolution
- Remote control of diagnostic tool (if required)

11 experts & one  
number  
**01 74 05 63 06**

DAF CONSULTING LV DIAGNOSTIC  
ASSISTANCE (1Year)

TS

DAF CONSULTING HGV DIAGNOSTIC  
ASSISTANCE (1Year)

TS

SA 9930



SA 9931



## Glossary:

\* Secure Gateway: Manufacturer's lock against piracy, thus preventing certain operations on the vehicle

\*\* PassThru: Allows independent garages to access a manufacturer's server and, for example, remote-code ECUs (for a fee).

**DAF conseil**  
BOOSTER DE PERFORMANCES

## Remote diagnostics:

a revolution in the workshop! (Service subject to charge). Find  
our REMOTE-compatible devices by clicking on this logo



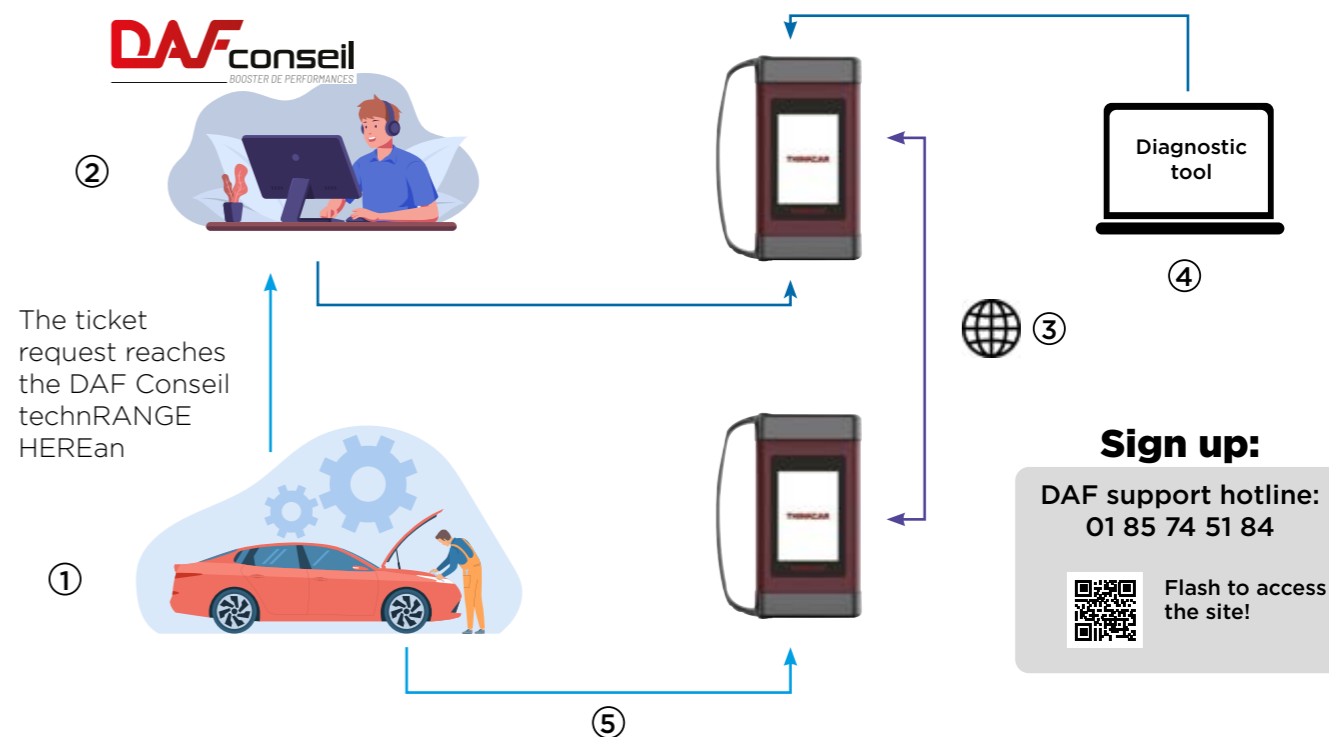
Remote Diagnostic or “RemoteDIAG” provides access to operations not available in a multi-brand tool, without moving the vehicle to the dealer's.

Qualified DAF Conseil experts take remote control of the vehicle in the repairer's workshop and carry out the required diagnosis. This technology enables complex tasks such as calibration, component coding and module updates to be carried out, offering unprecedented flexibility and efficiency.

Accept all vehicles in  
the workshop

You'll never miss  
a single service

Save time and  
money



**1** The repairer is unable to carry out an operation on his customer's vehicle, and therefore decides to call on the “RemoteDIAG” assistance service. The repairer goes to the DAF Conseil technRANGE HEREan platform and creates a ticket (a request for intervention) for the service required, **for example:** towbar coding, airbag coding, injector coding, ADAS.

**2** The request is received by the DAF Conseil technRANGE HEREan, who makes an appointment by telephone with the repairer.

**3** The DAF Conseil technRANGE HEREan connects to the repairer's VCI.

**4** The DAF Conseil technRANGE HEREan connects the diagnostic tool best suited to the customer's needs (multi-brand or manufacturer).

**5** He can then carry out the requested service remotely.



Flash to see  
the video  
explanation!

**CAUTION: VCI COMPATIBLE / LOAD MAINTENANCE (PPS150)  
WIRED HIGH-SPEED INTERNET REQUIRED**

Product available for sale only in France and French  
overseas departments and territories.



PROTOCOL

OPTION

	Euro 191	Euro 195	Euro 391	Euro 394	Euro 399	Master CV
	30001084	ADTKTEURO195	30000074	ADTKTEURO394	ADTKTEURO399	AD0TKT04CV
Screen	8"	9"	10"	12"	14"	10"
OS	TCOS	ANDROID 10	TCOS	20 TCOS	TCOS	ANDROID 10
CPU	2.0GHz / 4 cores	2.0GHz / 4 cores	2.0GHz / 4 cores	2.2GHz / 8 cores	2.2GHz / 8 cores	2.0GHz / 4 cores
CAMERA	No	8Mpx Ar	13Mpx Ar	13Mpx Ar / 5Mpx Av	20Mpx Ar / 8Mpx Av	8Mpx Ar
STORAGE / RAM	64Go/4Go	128Go/4Go	128Go/4Go	256Go/8Go	256Go/8Go	128Go/4Go
Battery	4150mAh	12600mAh	12600mAh	12600mAh	22400mAh	12600mAh
Functions	35	35	42	42	42	35
Updates included	2 years	2 years	2 years	2 years	2 years	2 years
VCI	Syears fil ThinkDiag Mini 2	Syears fil THINKLINK LITE	Syears fil THINKLINK LITE	Syears fil Thinklink pro	Syears fil autonome Thinklink PRO	Syears fil THINKDIAG HML VCI
Application	VL-VUL	VL-VUL	VL-VUL	VL-VUL-VEH	VL-VUL-VEH-VI	PL
Heavy Goods Vehicle	Not compatible	Not compatible	Optional	Optional	Optional	Integrated
TPMS	Optional (30000321)	Optional (30000321)	Optional (30000321)	Optional (30000321)	Optional (30000321)	Optional (30000321)
OBD2 / EOBD	✓					
CAN			✓	✓	✓	✓
CANFD	✓	✓	✓	✓	✓	✓
DoIP	✓	✓	✓	✓	✓	✓
J2534		✓	✓	✓	✓	
Remote Diag	Not compatible	Integrated	Integrated	Integrated	Integrated	Not compatible
Actuator Testing	Yes	Yes	Yes	Yes	Yes	Yes
Auto Vin	Yes	Yes	Yes	Yes	Yes	Yes
Bidirectional flow	Yes	Yes	Yes	Yes	Yes	Yes
Adaptation & coding	Basic	Advanced	Advanced	Advanced	Advanced	Yes
Online coding	No	No	Yes	Yes	Yes	No
Programming	No	No	Yes	Yes	Yes	No
Oscilloscope	Optional	Optional	Optional	Optional	Optional	Optional
ADAS	No	Ready	Ready	Ready	Ready	Ready
Secure GateWay	Optional	Optional	Optional	Optional	Optional	Please contact us
Lamp Module (AD000TKWL1)	✗	✓	✗	✗	✗	✓
Thermal Camera Module (AD000TKTR1)	✗	✓	✗	✗	✗	✓
USB videoscope (AD000TKVS2)	✓	✓	✓	✓	✓	✓
Clip-on Battery Tester (AD000TKBT1)	✗	✓	✗	✗	✗	✓
Oscilloscope (AD000TKAS2)	✓	✓	✓	✓	✓	✓
Clipsable printer (AD000TKTP1)	✗	✓	✗	✗	✗	Integrated
Thinkprinter printer (AD000TKTP2)	✓	✓	✓	✓	✗	✗
Wireless Battery Tester (ADTK0034)	✓	✓	✓	✓	✓	✗
Prog Key (AD00TKT12)	✗	✗	✓	✓	✓	✓
PL Pack (AD00TKD03X)	✗	✗	✓	✓	✓	✓
EV Pack (AD000EVP01)	✗	✗	✓	✓	✓	✓
TPMS VENU i-PRO (30000321)	✓	✓	✓	✓	✓	✓
FCA (TKFCA)	✓	✓	✓	✓	✓	✗
RENAULT (TKREN)	✓	✓	✓	✓	✓	✗
MERCEDES (TKMERCEDES)	✓	✓	✓	✓	✓	✗
VAG (TKVAG)	✗	✓	✓	✓	✓	✗

SERVICES/OPTIONS

	SA 9930 ASSISTANCE 1YEAR VL	SA 9931 ASSISTANCE 1YEAR HGV	Mise à jour				Secure Gateway Page 271	Remote*	HaynesPro
			ADTKMAJ001 1year for tablet <9"	ADTKMAJ002 1year for tablet ≥ 9"	ADTKMAJ003 1year PL	ADTKMAJ004 1year for TESLA			HAYNES PRO** (voir site clas.com)
Reader 8 30001191	✓	✗	A VIE	✗	✗	✗	✗	✗	✗
Lite AD00TKT02L	✓	✗	✓	✗	✗	✗	✓(except vag)	✗	✗
191 30001084	✓	✗	✓	✗	✗	✗	✓(except vag)	✗	✓
195 ADTKEURO195	✓	✗	✗	✓	✗	✗	✓	✓	✓
701 303030115	✓	✓	✓	✗	✗	✗	✗	✓	✗
391 30000074	✓	✓	✗	✓	✓	✓	✓	✓	✓
394 ADTKEURO394	✓	✓	✗	✓	✓	✓	✓	✓	✓
399 ADTKEURO399	✓	✓	✗	✓	✓	✓	✓	✓	✓
Master CV ADTKT04CV	✓	✓	✗	✓	✓	✓	✓	✓	✓

\*Additional costs depending on the procedure

RESET FUNCTIONS

42 Functions	35 Functions	34 Functions	28 Functions	Air/fuel reset	Window calibration	Tire reset	Mode of transportation	Resetting the NOx sensor	Change of language	Injector coding
				Resetting the TPMS system	Resetting the ODO counter	Suspension adjustment	Initialization of the sunroof	Gearbox training	Gearbox reset	Electronic throttle control
				Stop/Start reset	Calibration of seat occupancy	Resetting the steering angle	Resetting the service indicator light	Diesel particulate filter regeneration	Coolant flush	Resetting the brake pads
				IMMO software service	Purge of the ABS	EGR adaptation	Airbag reset	Adaptation of the battery	AFS reset	Urea Reset
				AC system relarning/reset	Control of engine power balance	Intelligent speed control system	Engine angle calibration	High-voltage battery diagnostics	Regeneration of the gasoline particulate filter	IMMO software and hardware services
				Resetting the computer	FRM reset	Light and rain sensor	Adaptation of turbocharging	Calibration of gateway module data	Clutch reset	ODO control



# THINKCAR

LEADING TECH IN DIAGNOSTICS

## THINKTOOL READER 8 6.2" DIAGNOSTIC TOOL

30001191

NEW

### RAZ MAINTENANCE

ThinkTool Reader 8 is a complete OBDI scanner, compatible with 95% of passenger cars on the market. It supports full system diagnostics, fault code reading and clearing, actuation testing, and integrates commonly used maintenance functions. The Reader 8 features an all-new compact design and a new 6.2" touch screen. It's an ideal choice for do-it-yourselfers and workshops.



FIND  
THE COMPLETE LIST  
OF FUNCTIONS  
AND ASSIGNMENTS



Free updates for life



CAN  
protocol



Product available for sale only in France and French overseas departments and territories.



# THINKCAR

LEADING TECH IN DIAGNOSTICS

## THINKTOOL LITE DIAGNOSTIC TOOL 6"

AD00TKT02L

### MAINTENANCE

Light commercial vehicle range:  
The most economical tool. 6-inch semi-pro portable automotive diagnostic tool!  
Supplied with printer.

Only available in France and French overseas departments and territories.  
THINKTOOL Lite is a 6-inch OEM-level diagnostic tool that supports full vehicle system diagnostics, including error code reading and erasing. As well as access to live data streams, bi-directional control, ECU coding and more for 100 automotive brands worldwide.



2 years of updates included



CAN  
protocol



FIND  
THE COMPLETE LIST  
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AND ASSIGNMENTS



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# THINKCAR

LEADING TECH IN DIAGNOSTIC

## EURO 191 9" DIAGNOSTIC TOOL

30001084



## MAINTENANCE & CODAGE

THINKCAR has just released a new advanced diagnostic tool, the THINKTOOL 191, with an all-new user interface and a new, lighter and slimmer design, supporting the CAN-FD, DOIP protocols commonly used for vehicles.

Advanced diagnostic function  
Full system scan, basic coding, bidirectional control, special function.

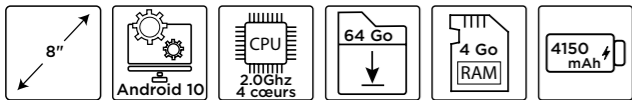
- AutoSearch: automatic reading of vehicle VIN to identify manufacturer, year and model, enabling rapid system diagnosis.
- Read / clear fault codes (DTC)
- Real-time data reading
- Actuator testing (bidirectional)
- ECU coding
- Generation and management of diagnostic reports
- History of recorded sessions
- Lightweight, modern design, easy to carry
- Bluetooth Diag Mini 2 connector
- Support for advanced protocols: CANFD, DoIP, OBDII/EOBD
- Over 140 pre-installed vehicle software packages



FIND THE COMPLETE LIST OF FUNCTIONS AND ASSIGNMENTS



+ 2 years of updates included



Available only in France and French overseas departments and territories.



## TO CONSIDER

### EURO 191 PACK WITH TPMS TOOLS AND VALVES

19100040



The ultra-complete package including an 8" bidirectional diagnostic solution with TPMS tool and 4 valves - all at the best value for money!

Only available in France and French overseas departments and territories.



# THINKCAR

LEADING TECH IN DIAGNOSTIC

## EURO DIAGNOSTIC TOOL 195 X 9"

ADTKTEURO195

LV/LCV range:  
9" professional diagnostic tool with VCI Thinklink lite  
Euro 195 is a newly developed, comprehensive diagnostic tool.

Support for :  
DoIP and CAN FD

Coverage of an ever-expanding and up-to-date list of vehicles.

The Euro 195 supports the following modules: printer, battery tester, thermal camera, lamp, TPMS module.

+ 2 years of updates included



FIND THE COMPLETE LIST OF FUNCTIONS AND ASSIGNMENTS



Available only in France and French overseas departments and territories.



## TO CONSIDER

### DIAGNOSTIC LOAD-HOLDING TOOLS 150A

PPS150





# THINKCAR

LEADING TECH IN DIAGNOSTIC

## DIAGNOSTIC TOOL TPMS VENU 701 5" 303030115



Comprehensive TPMS service  
The integrated TPMS supports TPMS activation, programming and relearning functions.

Vehicle coverage  
The VENU 701 supports the latest vehicle diagnostic protocols such as CAN 2.0, DOIP, CAN FD, etc.

Read and clear error codes, live data stream, bidirectional control, special function, advanced coding, etc.

## TPMS DIAGNOSTIC REMOTE



FIND  
THE COMPLETE LIST  
OF FUNCTIONS  
AND ASSIGNMENTS



2 years of updates  
included

CAN  
protocol

CAN<sup>FD</sup>  
protocol

DOIP  
protocol



Remote



Available only in France and French  
overseas departments and territories.



## TO CONSIDER

THINKCAR S2

ADTK00020



TPMS VALVE  
THINKCAR  
S3 315Mhz &  
433Mhz

ADTK00030



VALVE TPMS  
VENU 5 PRO  
315Mhz &  
433Mhz

ADTK5PRO



# THINKCAR

LEADING TECH IN DIAGNOSTIC

## SECURE GATEWAY UNLOCKING PACK FCA, VAG, MERCEDES AND RENAULT

TKPACKSGW



Secure gateway license for:

- FCA (1 year)
- VAG (1 year)
- Mercedes (1 year)
- Renault (20 tokens)

Product available for sale in France only.



## SECURE GATEWAY UNLOCKING FCA MASERATI 1 YEAR

TKFCA



Product available for sale only  
in France and French overseas  
departments and territories.

## SECURE GATEWAY UNLOCKING RENAULT 10 TOKENS

TKREN10



Product available for sale only  
in France and French overseas  
departments and territories.

## SECURE GATEWAY UNLOCKING MERCEDES BENZ 1YEAR

TKMERCEDES



Product available for sale only  
in France and French overseas  
departments and territories.

## UNLOCKING SECURE GATEWAY VAG 1 YEAR

TKVAG



Product available for sale only  
in France and French overseas  
departments and territories.



**THINKCAR**  
LEADING TECH IN DIAGNOSTIC

EURO 391 10" DIAGNOSTIC TOOL

30000074

NEW

REMOTE VL/VUL range:  
10" professional diagnostic tool

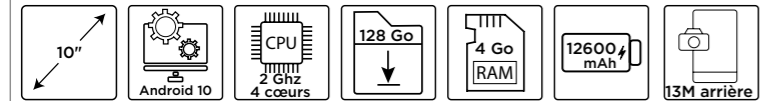
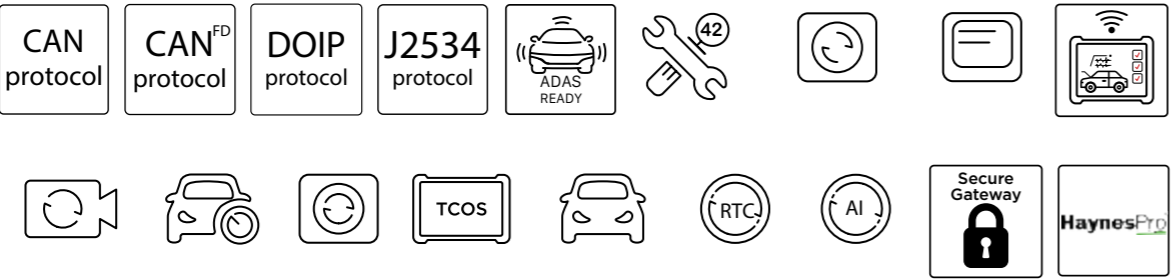
Product available for sale in France only.



2 years of free updates



FIND  
THE COMPLETE LIST  
OF FUNCTIONS  
AND ASSIGNMENTS



Product available for sale in France only.



TE

REMOTE  
PROGRAMMATION



THINKTOOL Euro 391 is a brand new diagnostic tool. It supports over 120 passenger cars, over 70 electric vehicles with the EV package (optional) and over 150 trucks with the HGV package (optional). The new TCOS system offers an optimized user interface and easier operation. 10.1" IPS display with 1280\*800 resolution, high-performance 4-core MT8766 processor, 4GB+128GB memory, 13MP rear flash camera. Supports dual WiFi communication for faster diagnostics. VCI THINKLINK Lite

Combined with VCI THINKLINK LITE, it supports CAN 2.0, CAN FD, DOIP and major diagnostic protocols such as J2534, covering passenger cars and new-energy vehicles. Full OE-level system diagnostics. The new Euro 391 supports advanced diagnostic functions such as full system scan, actuation test, coding and online programming functions. Supports THINKCAR function modules such as battery test, videoscope, oscilloscope, TPMS, key programmer.

- 42 reset modules:  
AdBlue reset; Adaptive front lighting system reset; Airbag reset; Air/fuel ratio reset; ABS flush; Battery adaptation; Gearbox reset; Brake pad reset; Coolant flush; FAP regeneration; EGR adaptation; Electronic throttle adaptation; Gearbox learning; IMMO software service; Injector coding; Language change; NOx sensor reset; ODO meter reset; Service light reset; Steering angle reset; Seat occupancy calibration; Stop/Start reset; Sunroof initialization; Suspension adjustment; TPMS reset; Transport mode; Tire reset; Window calibration; AC system reset/initialization; Engine power balance check; Particle filter regeneration; High-voltage battery diagnostics; Intelligent cruise control; Engine angle calibration; IMMO software + hardware service; Clutch reset; ECU reset; FRM reset; ODO control



TO CONSIDER

HGV OPTION WITH VCI

AD000TKD03



WARRANTY



DIAGNOSTIC TOOL EURO 394 12"

ADTKTEURO394

REMOTE LV/LCV/EV range:  
12" professional diagnostic tool with IA

Product available for sale in France only.

REMOTE  
IA



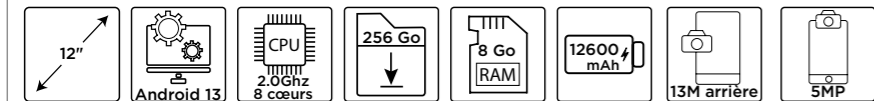
FIND  
THE COMPLETE LIST  
OF FUNCTIONS  
AND ASSIGNMENTS

+ 2 years of updates included



The device is capable of diagnosing both internal combustion and EV/HEV cars, covering 98% of all vehicle models on the market.

High-performance hardware:  
The device is equipped with an ultra-fast 8-core processor, 8GB RAM and 256GB ROM, a 13MP rear camera and a 5MP front camera  
The ultra-clear, high-brightness 12-inch 1080P IPS display offers unrivalled working comfort.



Product available for sale in France only.



TO CONSIDER

HGV OPTION WITHOUT VCI

AD00TKD03X



THINKCAR

LEADING TECH IN DIAGNOSTICS

DIAGNOSTIC TOOL EURO 399 14"

ADTKTEURO399

REMOTE LV/LCV/EV/HGV range:  
14" professional diagnostic tool with IA

+ 2 years of updates included



FIND  
THE COMPLETE LIST  
OF FUNCTIONS  
AND ASSIGNMENTS

BIGGER, SMARTER, MORE POWERFUL

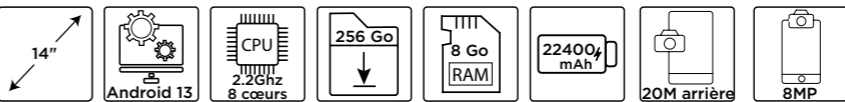


Diagnostic support for gasoline, diesel and electric vehicles, the device integrates the world's first TCOS system, deeply customized on the basis of AI-assisted diagnostic models.  
With an all-new industrial design. It supports dual RTC diagnostics, dual VCI display and THINKCAR AI diagnostics.  
Its ultra-clear, high-brightness 14" 2.5K IPS display makes diagnostics smarter and more powerful.

The device is equipped with a high-performance 8-core processor, 8GB RAM + 256GB memory.  
A 20MP rear camera and 8MP front camera complete the package.

Combined with the THINKLINK PRO, featuring a high-brightness 6.54" IPS touchscreen, 1GB RAM + 8GB memory, it supports the CAN, CAN FD and DOIP diagnostic protocols, as well as the main diagnostic protocols such as J2534, RP1210, covering passenger cars, commercial vehicles and new energy vehicles. (VCI 9 to 36V)

The pioneering RTC dual diagnostics function, which supports the connection of a second VCI (optional) to diagnose two vehicles simultaneously, improving work efficiency.



Product available for sale only in France and French overseas departments and territories.



TO CONSIDER

HGV OPTION WITHOUT VCI

AD00TKD03X





**THINKCAR**  
LEADING TECH IN DIAGNOSTICS

TE  
**HGV**

## 10" THINKTOOL MASTER CV DIAGNOSTIC TOOL

AD0TKT04CV

LCV/HGV range:  
Intelligent 10" diagnostic tool for commercial vehicles and trucks.

THINKTOOL Master CV is a 10-inch diagnostic tool for heavy and commercial vehicles with bi-directional capabilities that supports over 150 makes. Master CV provides comprehensive functions for technRANGE HEREans, such as complete vehicle analysis, fault code reading and clearing, live data streaming, actuator testing, special functions, service reset functions and DPF regenerations.

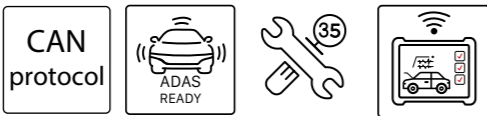
- coverage of over 150 brands
- automatic updates if connected to WiFi network
- special functions
- supplied with 13 connectors (BENZ / IVECO / MAN / ISUZU / VOLVO / RENAULT)

- precise calibrations:  
Idle adjustment, speed limit, cruise control, idle stop system, PTO, coolant level switch, exhaust brake valve, intake air preheat, vehicle speed control, air conditioning, oil pressure sensor, electronic fan, ABS, automatic transmission

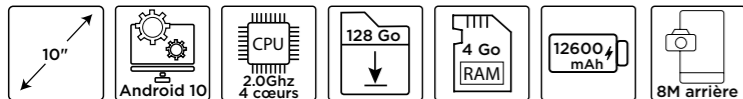
- 13 reset modules:  
FAP regeneration; FAP reset; Ash accumulation reset; Injector coding; MIL reset; Maintenance confirmation; Injection adjustment; Differential pressure sensor reset; Pressure control valve reset; Trip reset; Urea circuit purge; Variable geometry turbo (VGT) installation/calibration; SCR test

Product available for sale in France only

**+**  
2 years of updates  
included



FIND  
THE COMPLETE LIST  
OF FUNCTIONS  
AND ASSIGNMENTS



Product available for sale in France only.



**2**  
WARRANTY



## ACCESSORIES

### WORKLIGHT

AD000TKWL1

Accessory de AD000TKX16/ADTKT04EMX/AD0TKT05EM/ADTKT03EMSE/  
ADTKT03EML/AD00TKT02L/AD000TK900/ADTKTEURO195



#### Specifications:

- 3-level brightness adjustment
- 144 high-brightness LED lights
- COB light source, white light
- 25000K, long-range illumination
- long life, up to 10,000 hours
- work with Dock Module

**2**  
WARRANTY

### VIDEO SCOPE

AD000TKVS2

Accessory de AD0TKT05EM/ADTKT04EMX/AD000TKX16/AD000TKRE7/  
ADTKT03EMSE/ADTKT03EML/AD00TKT02L/AD000TK900/  
AD000TKTT78/AD000TKTT77/ADTKTEURO195/ADTKTEU-  
RO399/30000074/30001084



#### Specifications:

- 1280x720 high definition
- Ø5.5mm
- 59-inch (150 cm) super-long cable reel
- 6 bright LED auxiliary lights
- water, oil and corrosion resistant
- IP67 alkali-resistant

**2**  
WARRANTY

### THINKPRINTER CLIP-ON PRINTER

AD000TKTP1

Quickly print diagnostic reports anytime, anywhere!

Only available in France and French overseas departments and territories.



**2**  
WARRANTY

### SET OF 10 THERMAL PRINTER PAPER ROLLS

AD000TKPT

Component of AD00TKT02L



**NO**  
WARRANTY

### THINKPRINTER 2

AD000TKTP2

Accessory de AD000TKX16/ADTKT03EML/AD000TK900/  
AD000TKTT78/AD000TKTT77/30001084

Fast, clear printing: the 30mm/s print speed can print the diagnostic report immediately.  
The thermal paper roll is easy to place, easy to maintain and looks great.  
Easy to use, reliable and economical, make sure you print easily, reduce costs and transport easily.



**2**  
WARRANTY

### OSCILLOSCOPE MODULE

AD000TKAS2

Accessory de AD000TKT06/ADTKT04EMX/AD0TKT05EM/ADTKT03EMSE/  
ADTKT03EML/AD000TKTT78/AD000TKTT77/AD00TKT02L/  
ADTKTEURO195/AD0TKT04CV/ADTKTEURO393/AD000CEE-  
VD/30000074/30001084

100M bandwidth, 4 channels.  
Up to 1GSa/s sampling rate, with 50Mpts recording length.  
Perform different vehicle ignition tests and a variety of sensor and actuation tests.  
Supports BUS decoding of multiple vehicles.



**2**  
WARRANTY



## THINKEASY BLUETOOTH BATTERY TESTER

ADTK00034

Accessory de AD0TKT05EM/ADTKT03EMSE/ADTKT03EML/  
AD00TKT02L/AD000TKT06/ADTKT04EMX/AD000TKTT77/ADTKTEU-  
RO393/30000074/30001084

A fast, accurate tool for testing car batteries on your cell phone via Bluetooth connection.

Display battery health.

Check your vehicle's starting and charging system, Low battery inspection.

Supports all lead-acid batteries.

No overheating, no sparks, no risk.



## THERMAL IMAGER

AD000TKTR1

Accessory de AD000TKX16/ADTKT04EMX/AD0TKT05EM/ADTKT03EMSE/  
ADTKT03EML/AD00TKT02L/AD000TK900/ADTKTEURO195

Accessories range :

Identify faults with massive data comparison.

Product available for sale only in France.



### Specifications:

- 320x240 ultra-high pixels, easy-to-see details
- 0 to 530° (0.07°C) thermal sensitivity
- thermal database for defect comparison



## DIAGNOSTIC LOAD-HOLDING TOOLS 150A

PPS150

PPS 150 is a professional tool that provides a secure, stabilized power supply for ECUs during reprogramming.

Multi-application:

Charge maintenance

Fast battery charger

Battery activation and repair

Exposure mode

Booster function



### Specifications:

- nominal voltage: 240V
- programming supply voltage range: 10.8V-15V
- frequency: 50 Hz/60 Hz
- open circuit losses: 20W
- rated input power: 3.8kVA
- enclosure protection: IP21S
- load current/voltage: 20A-12V
- cable: L5m
- size (mm): 520x410x290
- starting current/voltage: 400A-12V
- gross weight: 14.1Kg



## BATTERY TESTER

AD000TKBT1

Accessory de AD000TKX16/AD000TK900/ADTKTEURO195/  
AD00TKT02L/AD0TKT04CV/ADTKT04EMX

Integrated into the ThinkTool HD screen for clearer display.  
High-precision data monitoring, with more accurate results.  
Supports detection of battery voltage, resistance, lifetime, current...



## THINKTOOL TROLLEY

AD000TKC01



### Specifications:

- multifunctional tool cart with 5 levels
- tilting design of the upper level
- for ease of use
- lockable drawer for safer storage
- special design for wire arrangement
- heat-eliminating laptop/equipment holder
- 360° rotating handle and wheels, take the cart wherever you want
- made of high-quality steel at least 2 mm thick



## MULTI-PRESSION COMPLETE DIGITAL ROLLER CABINET

AC 0840

### Contents:

Drawer 1:

- 1 tester 7" color TFT display with resistive touchscreen
- battery: lithium polymer 3.7V / 2000mA
- intelligent USB battery charging with LED indicator
- PC connection via USB port
- ABS case with rubber bumpers
- all screws mounted on brass inserts
- 1/4-thread brass insert on rear for mounting bracket
- 1 sensor 0/300 bar (2m)
- 1 -1/+3 bar sensor (2.90m)
- 1 universal diesel compression adapter (dummy injector)
- 3 universal gasoline compression adapters (dummy spark plug)
- 1 bag of accessories
- 1 precision valve
- 8 extremely flexible OEM quick connectors

Drawer 2:

- 0-2000 bar sensor (2m)
- sensor plug for direct pump pressure,
- 2 M12x150 hoses for most common applications.
- recovery tank
- 8 dummy regulators with 1 flange



Find all the details of the composition on [clas.com](http://clas.com)



EG 1500

### Composition :

## CONTROL PANEL AND ACCESSORIES INSERT

AC 0841



TIROIR 1



## ENGINE COMPRESSION AND CYLINDER LEAK INSERT

AC 0843

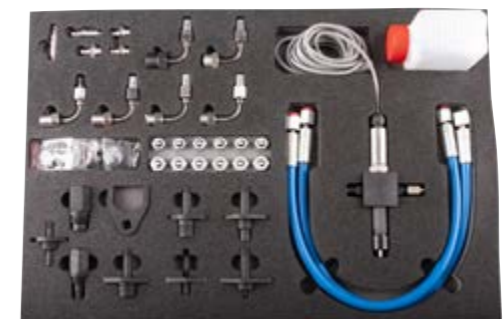


TIROIR 3



## HIGH PRESSURE FUEL INSERT

AC 0842



TIROIR 2



## OIL PRESSURE INSERT, ETHANOL AND BP FUEL

AC 0844



TIROIR 4





## WIRELESS-COMPATIBLE DIGITAL MULTI-PRESSURE TESTER

AC 0920

NEW

1 box  
45 pieces



Reading accuracy to one thousandth of a bar

8 quick connectors

Sensor 0/300 bar

Precision Valve (Check Valve)

Sensor -1/+3 bar

Fake diesel COMMON RAIL injector

Fake spark plug (M12/ M14) gasoline

USB cable for PC connection

Augmenter/Reducer connection

**NEW VERSION** of our famous AC 0800 digital pressure gauge, now compatible with the AC 0925 wireless option for easy road tests.

This upgraded version also features a more powerful processor, completely redesigned menus for optimum ergonomics, increased memory, and fast USB-C charging.

This universal digital measurement tool can be used to check all types of pressure, whether pneumatic or hydraulic, in order to compare the physical and real values of the circuit with those transmitted by the sensors via the diagnostic readout. Thanks to this comparison, you can quickly identify the source of a fault, whether mechanical or electrical.

This version is designed for the following controls:

- gasoline engine compression
- diesel engine compression via injector, optional see available dummy spark plugs
- oil pressure, to be connected to standard fitting (not supplied) see option if required
- low fuel pressure
- uree pressure, PSA, others..
- vacuum
- particle filter
- cooling circuit
- turbo

A 2000 bar high-pressure test kit and an engine leak test accessory are also available as options.

The unit is equipped with an audible and visual sensor identification system, and calibration is simple and integrated into the unit. Recording for expert appraisal.

### OPTION WIRELESS MODULE

AC 0925

Accessoire de AC 0920

This module can be placed under the hood of the vehicle and communicates directly with the tablet via a wireless link. In this way, the tablet can be used freely in the vehicle cabin, without the need for a wired connection, for improved ergonomics and road tests.

Not compatible with older AC 0800 models



2 WARRANTY

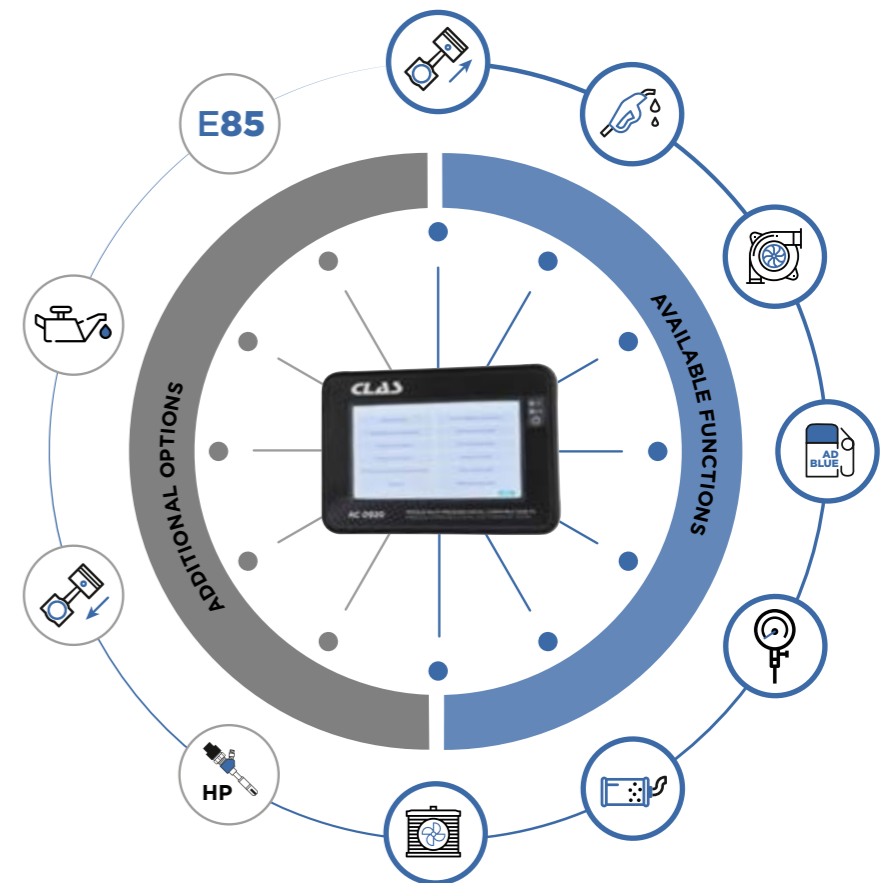
#### AVAILABLE FUNCTIONS

- ENGINE COMPRESSION
- LOW FUEL PRESSURE
- TURBO PRESSURE
- UREA PRESSURE
- DEPRESSION TEST
- PARTICULATE FILTER
- PRESSURE SYSTEM COOLING

#### ADDITIONAL OPTIONS

- HIGH PRESSURE TEST DIESEL/GASOLINE
- LEAKS IN THE CYLINDERS
- OIL PRESSURE
- ETHANOL PERCENTAGE
- BLUETOOTH OPTION

1 TABLET  
1 INFINITE MEASUREMENTS



## WHY GET EQUIPPED?

1. MAKES DIAGNOSIS MORE RELIABLE

2. QUICKLY IDENTIFIES THE FAULTY COMPONENT

3. APPROPRIATE & RELEVANT INTERVENTION

4. TIME SAVINGS & PRODUCTIVITY





## AVAILABLE ACCESSORIES



ENGINE COMPRESSION



## IDENTIFY THE FAULTY CYLINDER AT A GLANCE

FLEXIBLE SPARK PLUG  
PETROL M10x1 200mm

AC 0811

FLEXIBLE SPARK  
PLUG PETROL M12x1.25  
200mm

AC 0812

FLEXIBLE SPARK PLUG  
PETROL M14x1.25 200mm

AC 0813

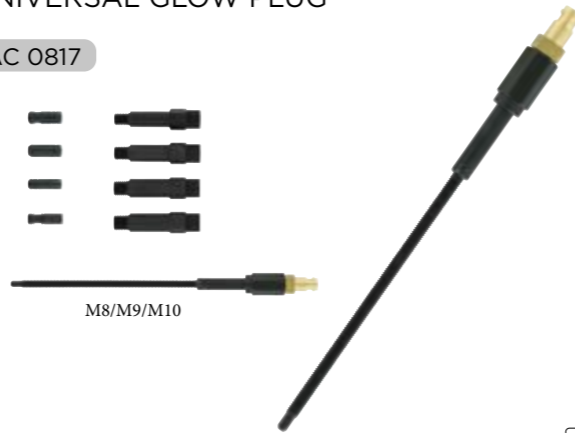
DIESEL GLOW PLUG  
KIT

AC 2024

Covers 90% of the park, Applications  
on request.

UNIVERSAL GLOW PLUG

AC 0817



M8/M9/M10



TURBO

PRECISE CONTROL  
OF THE CONDITION  
OF THE WASTEGATE  
AND TURBO FLAPSMITYVAC 2.0  
ADAPTER

AC 0814

Accessory de HU 0550

SET OF  
TURBOCHARGER  
PRESSURE TAPS

AC 0819

LOW PRESSURE FUEL  
& COOLINGANALYZE THE ENGINE FUEL SUPPLY  
AT LOW FUEL PRESSURE AND  
COOLING PRESSURESCHRADER CONNECTOR  
7/16" x 20UNF

AC 0807

SCHRADER CONNECTOR 8v1

AC 0808

SCHRADER CONNECTOR  
M8x100

AC 0809



## ADDITIONAL OPTIONS

HIGH PRESSURE  
FUEL

## ANALYZE THE ENGINE FUEL SUPPLY IN HP

HIGH PRESSURE FUEL  
INSERT

AC 0842

FORMAT 3/3  
DRAWER

Composition :

HIGH-PRESSURE KIT

AC 0801

COMMON RAIL DUMMY  
REGULATOR KIT

AC 0803

Checks the status of the high-pressure  
pump regulator.HP DIESEL ELBOW  
ADAPTERS

AC 0805

HP GASOLINE  
ADAPTERS

AC 0804

Contents:  
• M12x150  
• M12x125  
• M14x150  
• M10x100  
• M8x100COMMON RAIL PLUGS  
KIT

AC 0802

M12/M14  
Identifies the faulty injector by  
isolating it on the rail.

OIL

CHECK OIL  
PRESSUREOIL PRESSURE  
ADAPTERS

AC 0815



ETHANOL

CHECK THE %  
OF ETHANOLETHANOL E85  
CONTROL ADAPTERS

AC 0818

+ Quick and easy  
readingCYLINDER  
LEAKAGECHECK THE  
TIGHTNESS OF  
A CYLINDERCYLINDER LEAK  
TESTER

AC 0816





## DIAGNOSTIC CASES

FIND THE ALL **DIAGNOSTIC CASES** RANGE HERE

### CAT.I DIGITAL MULTIMETER

OE 3008BL

#### Specifications:

- DC voltage: 200mV-2000mV-20V-200V-500V
- AC voltage: 200V-500V
- DC current: 200uA-20mA-200mA
- resistance: 200ohm-2000ohm-20Kohm-200Kohm-2000Kohm
- battery: 6LR61 PP3
- dimensions: 126x70x24mm



**B.LINE**  
BUDGET SOLUTION

TN



### DIGITAL MULTIMETER CAT. III

OE 3004

#### Specifications:

- DC voltage: 200mV-2V-20V-200V-300V
- AC voltage: 200mV-2V-20V-200V-300V
- DC current: 20mA-200mA-10A
- AC current: 20mA-200mA-10A
- resistance: 200ohm-2kohm-20kohm-200kohm-2Mohm-20Mohm
- diode test: approx. 2.8V
- temperature: 0-1000°C
- battery test: 1.5-9V-12V
- continuity: <30ohm
- overhead lighting



TN



### CLAMP METER 1000A

OE 5020

#### Specifications:

- current test
- ammeter test
- diode test
- continuity test
- data storage
- IEC-61010 CATII with overload protection
- 3-digit 16mm LCD digital display
- automatic scales
- supplied with battery and cord
- clamp opening: 55mm
- dc voltage: 600V±(0.5%+5)
- AC voltage: 600V±(1%+5)
- direct current: 200/1000A±(2.5%+5)
- alternating current: 200/1000A±(2.5%+5)
- resistance: 200ohms ±(1.2%+5)
- frequency: 2kHz±(2%+5)
- power supply: 9Vx1



TN



### READER DEFAULT CODE OBDII

AC 5248



This OBDII reader is designed for your car's "Engine" management system ("Engine" light). It includes basic OBDII functions such as: reading and deleting error codes with their designations, reading "real-time" data, displaying freeze frame, displaying I/M readiness, and displaying vehicle information.  
Note: In the event of a "permanent code" being read by the device, the OBDII reader will be able to clear the fault code and switch off the engine light only when the necessary repairs have been carried out.

Multilingual: English, French, German, Spanish and Portuguese.

Models :  
- OBDII protocols: CAN, J1850 PWM, J1850 VPW, ISO9141 and KWP2000  
- 12v voltage supplied by OBD socket (16-pin) on post-1996 OBDII-compliant American, European and Asian vehicles



TN



### CONNECTOR KIT FOR ELECTRICAL MEASURING TOOLS

OE 5115

Allows you to comply with manufacturer's recommendations, as it doesn't damage harnesses, especially on multiplexed networks where tapping on the wire is prohibited.



Compatible with  
diag instruments,  
multimeters,  
oscilloscopes, etc.

#### NOTE

SEE THINKCAR  
p. 264

Potentiomètre à résistance variable. 5kΩ.	2		Permet de simuler le signal de sondes et capteurs résistifs de 0 à 5kΩ.
Connecteur à LED.	2		Permet le contrôle de signaux. Indique la polarité par un changements de couleur.
Connecteur SRS.	2		Outils de maintenance pour le remplacement d'airbag.
Pinces crocodiles.	2		Se connectent aux outils de mesure : multimètre, oscilloscope...
Pointes de touche.	2		Se connectent aux rallonges de cables fournies et aux outils de mesure : multimètre, oscilloscope...
Pointes de touche aciculaire.	4		Ø 0,7 mm - Longueur 30 mm
Connecteur double : permet la connection en parallèle d'un outil de mesure sur un fil ou une connectique.	2		
Connecteur simple.	4		

## DIAGNOSTIC CASES

FIND THE ALL **DIAGNOSTIC CASES** RANGE HERE



TN

Cosses mâles connectable à un outil de mesure.	36		<b>Plates :</b> 0,6 x 0,6 - 3 pièces jaunes 0,6 x 0,9 - 3 pièces rouges 0,6 x 1,3 - 3 pièces noires 0,6 x 1,9 - 3 pièces bleues 0,6 x 2,3 - 3 pièces jaunes 0,8 x 2,8 - 3 pièces rouges 0,8 x 4,7 - 3 pièces noires 0,8 x 6,0 - 3 pièces bleues
			<b>Rondes :</b> 1,6 mm - 3 pièces jaunes 2,3 mm - 3 pièces rouges 3,5 mm - 3 pièces noires 3,9 mm - 3 pièces bleues
Cosses femelles connectable à un outil de mesure.	36		<b>Plates :</b> 0,6 x 0,6 - 3 pièces jaunes 0,6 x 0,9 - 3 pièces rouges 0,6 x 1,3 - 3 pièces noires 0,6 x 1,9 - 3 pièces bleues 0,6 x 2,3 - 3 pièces jaunes 0,8 x 2,8 - 3 pièces rouges 0,8 x 4,7 - 3 pièces noires 0,8 x 6,0 - 3 pièces bleues
			<b>Rondes :</b> 1,6 mm - 3 pièces jaunes 2,3 mm - 3 pièces rouges 3,5 mm - 3 pièces noires 3,9 mm - 3 pièces bleues



### ELECTRIC SPRAY CLEANER 400ml

CO 1049

Cleans and protects electrical connectors.  
Dissolves corrosion.  
Eliminates false contacts, leakage currents and reduces voltage drops.  
Improves productivity.

Also available in box of 12



### SET OF RECESSES EXTRACTION PLUGS

OM 2005



Extracts plugs from coolant sensors, ECU connectors, wiring harnesses, etc.  
Compatible with VAG connectors.



Preserves wires  
and terminals





## CHARGING SYSTEM DIAGNOSTICS

### LOAD TESTER (LED) FOR 12V BATTERIES AND ALTERNATORS

OE 0035BL

Reads the charge level of 12V batteries and alternators with 3-color LED indicators (red/yellow/green).



**B.LINE**  
BUDGET SOLUTION

TN



### 6/12/24V VEHICLE BATTERY TESTER WITH PRINTER

AC 5254

**+** Oscilloscope mode  
Color display



The battery tester with integrated printer is compatible with 6V / 12V / 24V battery tests.  
Light vehicles, commercial vehicles, trucks, motorcycles, boats, farm machinery.



Detachable cable

#### Specifications:

- capacity (CCA): cold-start current: 100 to 2000 CCA
- cables: L.2.5m
- clamps: insulated
- battery type: ordinary, AGM flat or spiral technology, GEL, EFB, LITHIUM.
- language: 12
- printer: SA 5245 coil
- weight: 2.07kg (with case)
- dimensions: L.255mmxL.104mmx36mm.

#### Battery standards:

- Cold Cranking Amps (CCA)
- International Electrot-Echnical Commission (IEC)
- Europe-Norm (EN)
- Deutsche Industrie-Norm (DIN)
- Cranking Amps (CA)
- Battery Council International (BIC)
- Marine Cranking Amps (MCA)
- Society Of Automotive Engineers (SAE)
- Japanese Industry Standard (JIS)

SA 5246 BATTERY TESTER CABLE

SA 5245 2 PAPER ROLL SET 40mm

13 €HT



# 6-12-24V



### MEMORY SAVER OBDII CIGARETTE LIGHTER

OE 0164

Supplies power to the vehicle while the battery is disconnected to retain memories (radio code, electric seats, etc.)  
Stores electronic data  
Vehicle powered via OBDII socket  
Via cigarette-lighter socket or auxiliary battery  
Equipped with power indicator and reverse polarity protection



### MALE FEMALE BRUSH FOR BATTERY CABLE TERMINALS CLEANING

EG 5060



### POLARITY/CONTINUITY TESTER 3 TO 48V

OE 0065BL

**B.LINE**  
BUDGET SOLUTION

Automotive, truck and motorcycle voltage and battery tester.  
Positive/negative cable testing.



### 3-SIDED CONDENSER SOCKET START AND STOP PSA

OM 5250

Specific for Peugeot and Citroën e-Hdi



For PSA capacitor OEM code: 98 017 393 80  
IMPORTANT: discharge the capacitor before servRANGE HEREg.



### UNIVERSAL NON INTRUSIVE TEST PROBE SET CAT. II

AC 5115

Accessory de OE 3004/OE 3008BL/OE 5020

Compatible with all standard 4mm sockets.



#### Contents:

- pair of test leads with straight and 90° connectors max 1000V, L.120cm
- pair of cable piercers for intrusive measurements max 30V
- pair of fine probes for inverted tests max 24V



### 12V RELAY TESTER

AC 5111

Allows fast, accurate testing of electromechanical relays.  
Saves operator time and ensures reliable diagnostics.

**+** 4 or 5-pin relay compatible

#### Specifications:

- overvoltage protection
- suitable for diode relays
- LED result display
- 12V test voltage
- powered by crocodile clips

