

mega macs 66



THE DIAGNOSTIC SYSTEM
WITH A REAL-TIME REPAIR CONCEPT

THE BEST FOR THE BEST: MEGA MACS 66 WITH REAL-TIME REPAIR CONCEPT

Those who want to maximise profitability will need everything: Fast vehicle identification, dependable vehicle diagnostics, comprehensive supply of data and components as well as support on repairs particularly on tricky problems. With the mega macs 66 diagnostic system Hella Gutmann Solutions delivers a unique repair concept that will set new standards in the fields of diagnostics and vehicle repair. The real-time repair concept of mega macs 66 reduces repair time, improves data supply and increases the utilisation rates of the workshops. Investments in new equipment thus pay off from the very first day.







High Tech Tools - not only for High Tech Professionals.

Fast diagnostics, troubleshooting and extensive support for your repair work as well as quick spare parts orders are no problem for the mega macs 66.

Simply Clever

New design, innovative technology and a completely revised repair concept - that's what the mega macs 66 offers. Above all the tool contains well-known and reliable diagnostic knowledge of Hella Gutmann Solutions and with Data Plus* exactly that data and functions which significantly facilitate daily work in your workshop.

Using the intuitive, easy touch screen interface, workshop professionals can perform all the necessary diagnostics, working steps, measurements and data synchronisation in real time. Time is thus no longer wasted on unnecessary searches or guessing. The result is a substantially higher frequency rate in the workshop and more income.

Repair Solutions at the Push of a Button

With Repair Plus* mega macs 66 immediately delivers the appropriate vehicle-specific reasons for all read-out fault codes and fault combinations. It also provides background information as well as procedures of solutions directly from one of the largest diagnostic data and repair bases in the world. This means fault code-based repair solutions in real time. The scope of services included in the Repair Plus package is being continuously extended and is of course free of charge for all users of the package.

Reliable Assistance

If, despite comprehensive system support, the repair work should slow down one time you can send the entire vehicle and repair history to the Technical Centre of Hella Gutmann – provided that you have Repair Plus Flat*. You will then receive help in a very short time in the form of the latest data, repair instructions and practical tips from real masters of their trade.

Professional Support

The 50 master technicians in our Technical Call Centre, specialised in all kinds of makes and models, personally deal with all incoming requests and deliver concrete real-time procedures of solution. This applies also to the trickiest cases.

Especially Helpful

The mega macs 66 now enables the usage of interactive circuit diagrams*. A click to the graphical illustrations delivers the necessary information for example all the important parameters of the prevailing component. This prevents redundant measurements and annoying searching for the correct parameter values. Repair work becomes faster and more reliable.



The well-thought design of the mega macs 66 enables the easy fastening of the tool on the steering wheel. This keeps your hands free for other work.

Still more Knowledge

After correct vehicle identification through the VIN code the tool delivers detailed information on the position of diagnostic connections, components and to all working steps for the prevailing vehicle. Should there be any uncertainties just take a look at the extensive component database with intelligent connection to all available functions and settings. Thanks to the digital compression measurement through the ECU you can save even more valuable time and unnecessary work: The mega macs 66 checks the compression and for many common models hence quickly delivers initial information on the mechanical condition of the engine.

Records Everything

All read-out fault code protocols as well as any work done are saved in the Car History. You can use the data collected internally for tracking the vehicle's history and for customer loyalty. In case of a problem just send these data records to the Hella Gutmann Technical Centre using the help function in mega macs 66.

Well-Prepared for the Future

In addition the hardware of mega macs 66 can be extended by modules which ensure the correct operation of functions that may occur in the future. That's easy on your wallet as well as on the environment.

Clearly Faster

The direct connection of the mega macs 66 to a spare parts catalogue significantly shortens the time for the order of parts and accessories. Furthermore, the vehicle identification through VIN code prevents unnecessary ordering errors and duplicate orders which in turn saves time and money.

Utmost Reliability

The independent operating system of the mega macs 66 offers utmost security equal to the latest industry standard. The housing is extremely sturdy and the software is well-protected against computer viruses. Moreover, the software of the tool and its modules is autonomous that enables independent and prompt updates.

Really Individual

With the new mega macs 66 you can set up an own user account for every workshop member. This function is ideal for subsequent jobs of the same customer vehicle or to have the right colleague at hand if there is a problem. In that case simply use the help function to contact the Hella Gutmann Technical Centre. The return call of the centre can be then directed to the corresponding colleague.

The great Plus: HGS Plus*

Today, things are complicated enough. Therefore, Hella Gutmann Solutions offers diagnostic tools to all those, who want to remain flexible in financial matters. We therefore have compiled the HGS Plus package according to the formula: Diagnostic tool plus accessories plus update for one price. There is no need for previous expensive investments which of course also applies to mega macs 66. In return you work flexibly with the latest technology for a fair monthly charge – without any dubious surprises. For more information about HGS Plus and your advantages please contact your local Hella Gutmann distributor or contact Hella Gutmann Solutions directly.

* Available with the HGS Plus package (depending on the country)

At a Glance

The mega macs 66 with its real-time repair concept is well thought out and is capable to master all the day-to-day tasks in a workshop. Operated via intuitive touch screen interface, it assists you not only in diagnostics and troubleshooting, but also in ordering spare parts and accessories. Should you one day need additional technical assistance, just click a button to contact the experts in the Hella Gutmann Technical Centre.* They will help quickly and unbureaucratically until the required solution is found.*

Survey of Applications

- ✓ Intuitive touch screen interface
- ✓ Hardware expansion slots for additional functions
- ✓ Reading and deleting fault codes of all ECUs
- ✓ Fault code explanation with detailed information
- ✓ Fault-code based vehicle-specific repair assistance in real time*
- ✓ Actuator tests
- ✓ Parameter depiction and explanation of up to 16 parameters simultaneously
- ✓ Codings, basic settings, service resets
- ✓ Interactive colour circuit diagrams with depiction of actual values and parameters in real time*
- ✓ Diagnostics of all components with instructions on the correct measurement connection
- ✓ Fast multimeter with graphical display**
- ✓ 2-channel oscilloscope with a measuring range of 10 μ s to 200 s**
- ✓ Inspection plans
- ✓ Troubleshooting plans
- ✓ Automatic evaluation of measured signals
- ✓ Images of engine compartments and interior with component position
- ✓ Repair Plus for detailed repair assistance*
- ✓ Car History for saving the complete car service life
- ✓ Direct connection to parts catalogues for accessories and spare parts**
- ✓ Air macs base for wireless PC communication
- ✓ Extendable to 4-channel oscilloscope
- ✓ Measuring low pressures
- ✓ PassThru technology
- ✓ WLAN
- ✓ etc.



Technical Data

GENERAL DATA	
Supply voltage	10 – 15 V
Battery charging voltage	12.5 – 18 V
Current consumption	max. 4 A, standard 2 A
Power supply	Li-Polymer battery/3.3 Ah
Display	Construction type: TFT Resolution: SVGA Size: 12.1"
Input	Touchscreen
Working range	0 – 45 °C
Compatibility	asanetwork
Weight	3800 g including battery/250 g (module)
Dimensions	135 x 362 x 302 mm (H x W x D)
Type of protection	IP20
Interfaces	1 x DVI-D, 1 x LAN (max. 100 Mbit/s), 1 x USB device 2.0 (max. 480 Mbit/s), 4 x USB host 2.0 (max. 480 Mbit/s), range 3 – 10 m (inside)/max. 50 m (outside)
DT 66 (DIAGNOSTIC MODULE)	
Battery charging voltage	10 – 15 V
Current consumption	max. 600 mA, standard 150 mA
Module weight	250 g
Battery	Li-Polymer battery, min. 790 mAh
Dimensions	37 x 82 x 160 mm (H x W x D)
Interfaces	1 x ST2, 1 x module interface, Bluetooth® class 1
Data transfer rate	max. 3 Mbit/s
Frequency band	2.4 GHz
DELIVERY CONTENT OF THE BASIC PACKAGE	
mega macs 66 with touchscreen and new diagnostics software	
Battery pack	
Mains supply	
Diagnostic module (DT 66)	
ST2 with OBD-/CARB adapter	
air macs base	

OPTIONAL ACCESSORIES:	
MT 66 (Measurement module)	
Current consumption	max. 500 mA, standard 400 mA
Module weight	250 g
Dimensions	37 x 82 x 160 mm (H x W x D)
Bandwidth	max. 10 MHz
Sampling rate	64 MSa/s
Memory depth	64 kByte
Amplitude resolution	12 bit
Overload protection	max. 200 V
Measuring channels	2 (galvanically isolated)
Measured values	Voltage, current, resistance
Interfaces	4 x safety socket 4 mm, (2 per measuring channel), 1 x ST3 (12-pin)
UMTS 66 (UMTS module)	
UMTS broadband	HSDPA 7.2 Mbps (WCDMA)
Quad band EGSM	(850, 900, 1800, 1900 Mhz)
Dimensions	37 x 82 x 160 mm (H x W x D)
Module weight	150 g.
Further accessories	
LPD kit	
Vehicle adapter	
Current clamp 300 A	
Current clamp 40 A	
Equipment case	

* Available with the HGS Plus package (depending on the country)

** Optional expansion

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