



mega macs 50

**The compact tool for  
modern vehicle diagnostics**

## When only the best is good enough

Garages that want to maximise the income from their technicians need access to the best data and equipment. Fast, accurate vehicle identification, dependable vehicle diagnostics, comprehensive data and access to a wide range of components, together with professional technical support when repairs prove to be less than straightforward.

The Hella Gutmann Solutions range of data and diagnostic equipment is perfectly aligned to the needs of the modern car workshop.

Based on many years of diagnostic experience and technical know-how, our range has been designed to offer competitively priced solutions to the needs of a variety of garages. That's why Hella Gutmann Solutions is the preferred diagnostic package provider for garages worldwide.

**A class  
of its own.**



## Application

### Tips for your daily work



Technicians who use the mega macs 50 immediately recognise that it has been developed by people who understand the way workshops operate. Vehicle selection, connection, diagnostics and useful information are processed quickly and displayed in an intuitive way. You can read out and diagnose vehicle models from over 30 manufacturers safe in the knowledge that for each of these vehicles

you will have access to the maximum amount of data available. As with all Hella Gutmann tools, mega macs 50 provides you with the equipment that allows diagnostic coverage well above the average of other tools on the market. From this strong starting position, regular updates, which can be downloaded via the internet, ensure you are kept up-to-date with new vehicles, data and applications.

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## Survey of applications:

- > *Reading/deleting fault codes of all ECUs*
- > *Fault code explanation with detailed information*
- > *Parameter depiction (up to four parameters at the same time) with diagram and explanations*
- > *Indication of the diagnostic connection and the adapter denomination*
- > *Actuator test*
- > *Coding*
- > *Basic setting*
- > *Service reset*
- > *Print function for all test results*
- > *Fast 2-channel multimeter with graphic depiction*
- > *Preset component measurement*
- > *Internal battery*

## Compact diagnostics

During the development of mega macs 50 the aim was to create a tool that had all the important bases covered and provided a piece of equipment that eased the pressure of a technician's typical day. We feel confident that we succeeded because since its launch in 2005, mega macs has become increasingly popular with thousands of workshops around the world. Why so? Because of its ability to function reliably under challenging conditions. Mega

macs 50 stands out from its competition because of its capability combined with ease of use. As with its smaller sibling, mega macs 42, you can control all diagnostic and measuring functions with just a few keys. In addition, mega macs 50 has a fast 2-channel multimeter to display signals and check component functionality. The intuitive menus and detailed help functions enable you to work quickly and efficiently, reducing time and cost and increasing profit.



## At a glance

Using the mega macs 50 a technician can solve problems with a modest amount of time and effort using the key pad designed to keep the number of button depressions to a minimum. The mobile tester helps with systematic troubleshooting and completes your diagnostics by depicting all important parameters in both diagrams and numbers. Mega macs even converts the data transmitted in the vehicle, via CAN-bus, into information for evaluation.

## Innovative and familiar

Hella Gutmann Solutions is the combination of two well-known brands, which have both been working towards the success of independent workshops for many years. The collaboration between light and electronics specialist Hella and Gutmann Messtechnik has created a joint venture based on strong traditions and history, but at the same time with a reputation for innovation and technological leadership.

With the creation of Hella Gutmann Solutions in 2008, the leading diagnostic competence of Gutmann Messtechnik has been extended by the range of products and services available through Hella's organisation, creating an even stronger diagnostic partner for modern car workshops. Our technicians, our extensive pool of technical data, our worldwide network of distributors and service partners are all working to offer the best level of support available to your workshop. Hella Gutmann Solutions – your best diagnostic solution, both for today and tomorrow.

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## Technical Data

Supply voltage	8 – 18 V
Battery charging voltage	12.5 – 18 V
Current consumption	max. 1 A, standard 800 mA
Power supply	Li-Polymer battery, 1960 mAh
	Vehicle electrical system voltage through ST2
	Mains supply
Display	Type of construction: LCD-TFT
	Resolution: ¼ VGA
	Size: 5.5"
Storage medium	Flash
Input	Membrane keypad
Working range	0 – 45°C
Weight	approx. 1.45 kg incl. batteries
Dimensions	58 x 165 x 250 mm (H x W x D)
Type of protection	IP31
Interfaces	USB device, USB host, ST2, RS232
Measuring channels	2 x graphic multimeter
<b>Multimeter</b>	
Bandwidth	10 kHz
Sampling rate	10 kSa/s
Amplitude resolution	16 bit
Overload protection	200 V
Measured values	Voltage, current, resistance
<b>Delivery contents</b>	
	ST2 cable with CARB plug
	<b>Adapters</b>
	Audi/VW/Seat/Skoda, BMW, Mercedes 38-pin, Opel
	Test lead green/black
	Test lead red/black
	1 set of alligator clips, test prods, grip clamps (2 pieces each)
	air macs base
	USB cable
	User manual on CD
	Mains supply
	Casing