



**MOTORcheckUP presents:**

...

**PREVENTIVE MAINTENANCE**

**The ultimate combustion engine  
monitoring system**





## ***Engine health test***

### **A cost saving tool**

*The most expensive part of a vehicle is the engine.*

*The MOTORcheckUP® diagnostic system needs just one drop of engine oil to provide a clear picture of its health status. Compare it to a blood test in the medical field. A leading German accreditation agency has recognized the validity of this test and given its approval.*

Almost everything can be checked on vehicles with or without a lot of electronics: Engine, brakes, steering, transmission, shock absorbers, tires.

But how can an operator check "the heart" of the vehicle, the engine?

Even the expert can't say for sure if something is wrong with the engine and if it is healthy - not even with a lot of measuring technology. MOTORcheckUP closes this hitherto gap of uncertainty. It provides information about the health of the engine in a simple way.

Fluids for brake systems, power steering and transmission can be checked as well; not forgetting hydraulic fluid either.



**See more: [www.motorcheckup.com](http://www.motorcheckup.com)**



## How does the diagnostic system work?

**MOTORcheckUP** can best be compared to a blood test in the medical field. All what the physician needs is a drop of blood to determine the state of health.



With **MOTORcheckUP** it is the same - only much faster, easier and less costly, Both, a professional and a layman can perform this test. Just put a drop of engine oil onto the test paper. Done. Each drop of engine oil contains all the information about the health of the engine.

The results of a "check-up" are available after a short time whether there is too much soot, whether the oil itself is still OK and whether there is too much water or fuel (gasoline or diesel) in the oil. From this it can be deduced whether and where the engine is possibly "sick".



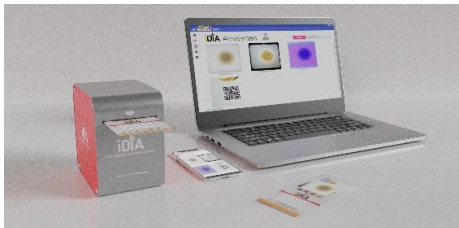
**FLUIDcheckUP** works the same way for all operating fluids: Fluids for all the above-mentioned systems contain important additives, designed to prevent damage and protect the oils from overheating, wear, aging. When these additives are aged or used up, oil sludge forms. Also, water and abrasion in the operating oils can affect their functional capabilities.

This reduces service life and performance while increasing operating costs and jeopardizing the functionality of operating areas. With FLUIDcheckUP you can test the efficiency of the operating oils of brakes, power steering / hydraulics, automatic transmission or manual transmission and determine their functionality. Better safe than sorry. This can now be done very simply by dropping just a drop of the oil onto a special paper: FLUIDcheckUP, the quick analysis of the operating oils shows via the change of the colours of the oil whether the oil is still good, needs to be changed or whether the oil change has long been **overdue**. A quick and very inexpensive method.



## iDiA, the new generation of MOTORcheckUP

"iDiA"- the intelligent diagnosis system is based on artificial intelligence. It works: **Automatic - Online - Innovative - Reliable** - (Unrivalled) Unique. Already many large companies, appraisers, experts, bus fleets, workshops, the ADAC technology in Germany work with iDiA. But also, abroad. (see reference list).



The user receives a device that is ready for immediate use. It only has to be connected to the internet. The iDiA device is operated exclusively from the user's laptop or tablet, i.e. from the usual daily workstation.

### How does "iDiA" work?

The test phase itself begins with the registration of the tests.

Each test strip is provided with a unique QR code. These enable registration in our system as well as the entry of a few vehicle data. The registration of the tests can also be done directly via smartphone, tablet or PC. Incidentally by laymen as well.



However, the user has to send the test paper for evaluation to the location where the transmitting box is located.

When all data is entered correctly and the test is "ready", it is inserted into the device. The user simply presses **TEST**. The test is now scanned. After a few seconds, "iDiA" sends the test recordings and data to the evaluation server.

Within a few minutes, the user receives the test result in the form of a PFD data sheet to the mail address he entered.



*Just one drop is enough on the test...*

*The report consists of two pages*

### How to become a user

The testing device can only be obtained by purchasing free determine quantity of test papers. With full support, instructions, help desk.

Each test has an individual QR code.

### Easy to use and operate

The evaluation is done by our software. Reliable and fast. The user receives the evaluation in form of a test report. The protocols show exactly the results. Notes and recommendations, what the test says, complete the report. On the 2nd report page, there is an easy-to-understand description of what the test says. In other words, a complete diagnostic system. The user's customer also receives a report if his email address is entered.

### Statistics

We also provide free of charge to the customer on request the software that can also create protocols and statistics of the processed tests and reports.

## Benefits and Advantages

- *Very easy operation and handling*
- *High tech and tested*
- *Evaluation is submitted online*
- *Without competition - unique position worldwide*
- *Fast and precise results*
- *Simple and easy to*



*This makes it a unique preventative maintenance tool.*

## For workshops and fleets:

Workshops, fleets, businesses derive the benefits through this unique testing method.

- Possible maintenance work on ignition, injection turbocharger, if a defect becomes visible
- Safety check of the brake system - and possibly change of brake fluid or detection of damage or defects
- Safety check of steering by means of hydraulic oil- and possible change of hydraulic oil (power steering is the stepchild in service)
- checking the transmission oil – most of cars over 100.000 km should have also an oil check and cleaning of the transmission



## Operating instructions and functions of iDiA #2

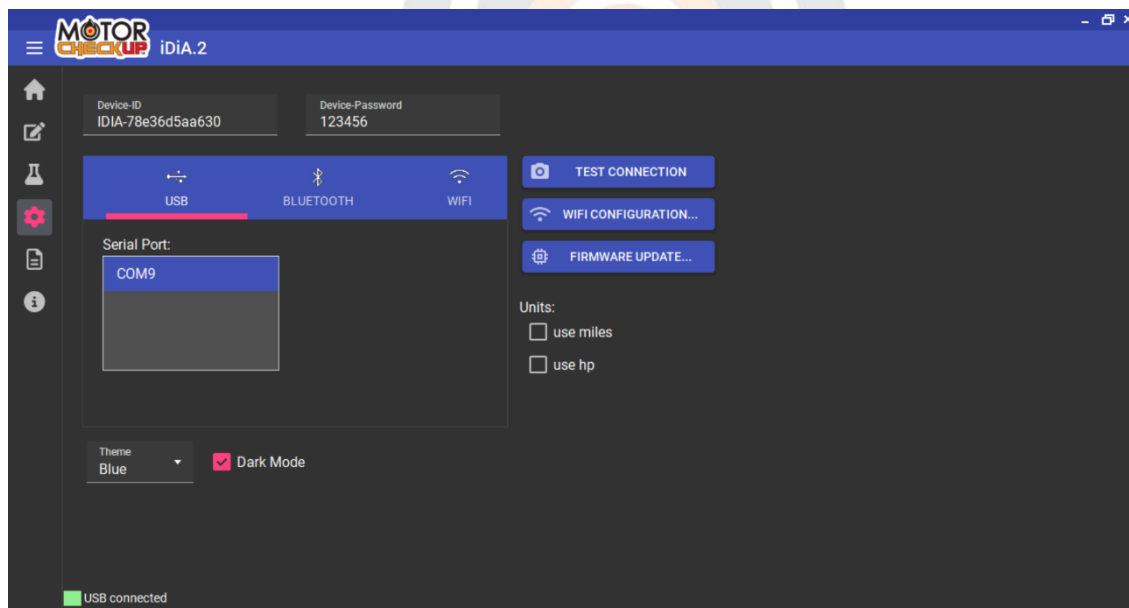
### Operating instructions and functions of iDiA #2

The new iDiA device has the same shape, only the touch screen has been replaced by a neutral plate. It has all the necessary software for test registration and evaluation. The device is equipped with a special camera, capable of USB, Bluetooth and Wi-Fi, as well as the LED lights and other electronic components.

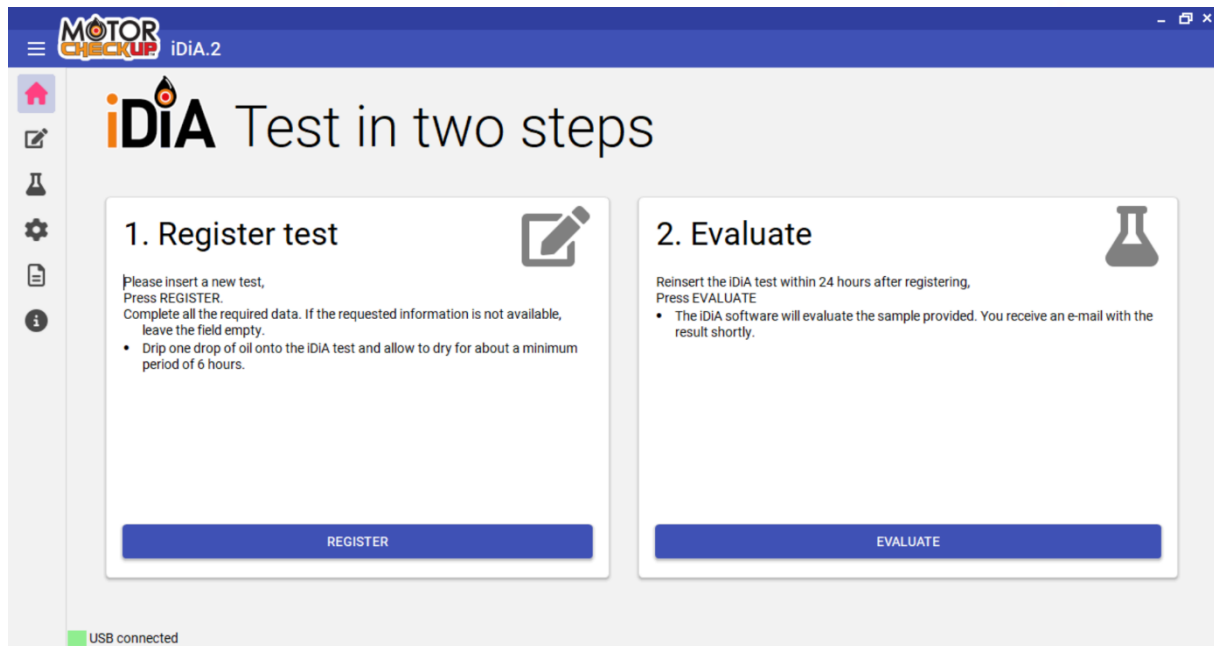
The user receives from MOTORcheckUP the software for his own PC / laptop. After one-time login and registration of the device in our system, the user can perform all services directly: Registering the test, performing the evaluation. He controls everything from his PC. This has the advantage that he can easily operate everything from his familiar working station. The Wi-Fi connections are more stable. And finally, the processes runs fast.

### Colors of operation as desired:

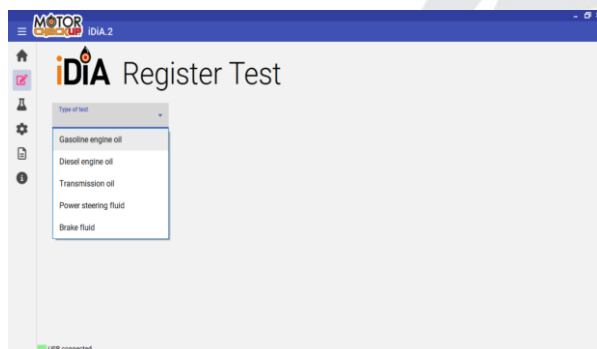
*The operator can select different colors, in light or dark mode:*



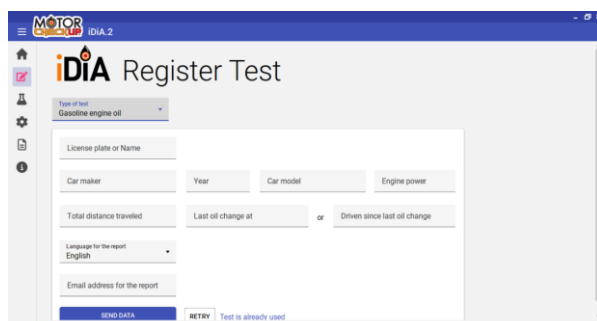
The start screen for selecting "Register" and "Test":



**Selection of the medium to be tested, test type.**



**Simple and clear the registration.**



**The scanned images appear immediately on his screen for approval.**





After a few seconds, the report is submitted as usual by e-mail as a PDF file.

Sample of a Report:



Einfach. Sicher. Schnell.

# MOTOR CHECKUP™

ADAC  
Prüfzentrum  
München



DONAU AUTO  
Die Meisterwerkstatt.



BOSCH  
Invented for life



Mobil™



MAS

intermobil

