



BOSCH

Invented for life

Driven by
SOLUTIONS

**Professional vehicle
diagnostic solutions for
every workshop**

ESI[tronic] 2.0 Online - KTS - DCU



Developed by experts for experts

The right solution for every workshop

Diagnostics are becoming increasingly important for garages to ensure professional service and repair. The new generation of vehicle diagnostic solutions from Bosch supports all current and future Ethernet-based vehicle technologies (DoIP). Our vehicle diagnostic solutions are developed to meet the requirements of professional workshops in their day-to-day tasks. Experts from Bosch Automotive Training and the Bosch Hotline offer further support and assistance with complex diagnostic and repair cases.

ESI[tronic] 2.0 Online

Diagnostic software
for service and repair with
new online functions

KTS 250

New, compact diagnostic tester
for fast and mobile ECU diagnostics

KTS 350

Mobile all-round solution for
comprehensive vehicle diagnostics

KTS 560

Convenient wireless solution
with measuring technology
(1-channel multimeter)

KTS 590

Convenient wireless solution
with measuring technology
(2-channel multimeter and oscilloscope)

DCU 100

Robust tablet PC for use with
ESI[tronic] 2.0 Online

DCU 220

Convertible laptop and tablet PC
for use with ESI[tronic] 2.0 Online

Bosch Connected Repair 



ESI[tronic] 2.0 Online:

Universal, professional, up-to-date

Now with new online features



20 seconds

is all it takes to run a comprehensive analysis with stored errors using the ESI[tronic] 2.0 Online

Expect more than just ECU diagnostics from your workshop software. Intelligent troubleshooting, support for fast service according to manufacturer specifications and experience-based repair cases are the new standard in vehicle diagnostics – for both cars and commercial vehicles. ESI[tronic] 2.0 Online fulfills these requirements and goes even further: Bosch's efficient ECU diagnostics guide you step by step to the cause of the fault and immediately provide you with all the information you need on the vehicle for maintenance and repair.

The benefits of ESI[tronic] 2.0 Online

- ▶ Diagnostic features, maintenance and wiring diagrams, repair and troubleshooting guides, manuals, vehicle data, and experience-based repair cases for more than 150 vehicle brands
- ▶ Vehicle identification via KBA key or VIN
- ▶ ECU diagnostics with latest data for cars, vans, trucks and two-wheeler systems
- ▶ Supports the workshop networking solution Bosch Connected Repair

This is what the new online functions offer:



Rapid overview:
clear and easy navigation



Experience-based repair (EBR): 750,000 application cases and vehicle combinations



Context menu: display of all necessary information for all vehicle components



Optimised search function:
direct access to all documents



Easy changeover: switching between offline and new functions in online mode



modePerformance enhancement:
improved software with minimal loading times

For every workshop, for every requirement:

state-of-the-art ECU diagnostics with the KTS series

The mobile all-rounder: KTS 250 and KTS 350

Multifunctional testers with all the necessary tools for fault diagnostics. Specifically developed for daily workshop use, the compact and robust Bosch KTS 250 is ideal for ECU diagnostics, also ideal for mobile use on the move or as a secondary device. The KTS 350, with its range of features, offers a total package for ECU diagnostics, troubleshooting, repair and maintenance.



KTS 250

- ▶ New, compact diagnostic tester for mobile and fast ECU diagnostics
- ▶ Automatic vehicle identification via VIN code when connecting to OBD interface
- ▶ New, intuitive, Android-based user interface
- ▶ Equipped with ESI[tronic] 2.0, for more than 150 vehicle brands
- ▶ Operation via power supply from either OBD or internal battery
- ▶ Future-proof thanks to integrated DoIP Ethernet interface
- ▶ Plug and play with automatic updates



KTS 350

- ▶ Mobile all-round solution: ECU diagnostics, troubleshooting, repair and maintenance
- ▶ Support for all current and future Ethernet-based vehicle technologies, in parallel operation of several BUS systems
- ▶ PassThru interface for programming the control units on the vehicle manufacturer portals. Please note that the requirements of the vehicle manufacturers must be observed
- ▶ Plug and play with preinstalled and configure application ESI [tronic] 2.0 Online for optimum operation
- ▶ Windows 10 tablet with fast system start-up thanks to state-of-the-art SSD technology
- ▶ Regular online updates

The robust specialists: KTS 560 and KTS 590

The communication modules KTS 560 and KTS 590 are based on state-of-the-art technology with the integrated Ethernet interface, and are optimally adapted to the use of the diagnostic software ESI[tronic] 2.0 Online. To simplify everyday tasks in the workshop, the devices can be connected to any Windows PC on which the ESI[tronic] 2.0 Online software is installed.

Area of application:

- ▶ Vehicle communication through CAN, K-Line, DoIP or PassThru
- ▶ Measurement of voltage, resistance or current on sensors and actuators
- ▶ Analysis of voltage and current profiles



The benefits at a glance

- ▶ Support for all current and future Ethernet-based vehicle technologies, in parallel operation of several BUS systems
- ▶ Further developed PassThru interface for programming the control units on the vehicle manufacturer portals in accordance with Euro 5/6
- ▶ Compatible with any Windows PC on which the Bosch diagnostic software ESI[tronic] 2.0 Online has been installed and licensed
- ▶ Mobile and stable working thanks to powerful Bluetooth interface
- ▶ For diagnostics, up to three CAN and K-Line interfaces can be used in parallel
- ▶ Integrated measuring technology with multimeter (KTS 560) or 2-channel multimeter and oscilloscope (KTS 590) allows extended troubleshooting
- ▶ Sturdy and robust construction for long-term use under real working conditions in the workshop

DCU 100:

Testing technology with a future

The DCU 100 is a portable, rugged, 10-inch touch-screen tablet PC designed specifically for use in the workshop. It controls the testing and diagnostic system ESI[tronic] 2.0 Online with the modules of the Bosch KTS series 5xx and is equipped with the Windows 10 operating system. The DCU 100 is ideally suited for the professional workshop routine and is already equipped today for the requirements of tomorrow.

Also available as a package with KTS 560



DCU 220:

Diagnostics for all applications

The DCU 220 is a convertible notebook and tablet PC in one and enables flexible and convenient working at any time – especially in the harsh workshop environment. It controls the testing and diagnostic systems of the Bosch KTS series and its modern design is equally impressive. The high-performance Windows 10 PC is a milestone in terms of speed, making it a premium diagnostic device among the Bosch DCU.

Package prices also available with KTS 560, KTS 590, FSA 500 or KTS Truck

Benefits of the DCU 100

- ▶ Pre-installed application ESI[tronic] 2.0 Online for optimal vehicle diagnostics
- ▶ SSD system memory with 256GB ensures fast system startup
- ▶ Windows 10 operating system allows easy integration into existing workflow
- ▶ Integrated Bluetooth and WLAN enable mobile working

Benefits of the DCU 220

- ▶ Easy switching between tablet and notebook operation
- ▶ Robust and practical due to low weight and splash protection
- ▶ Powerful Intel® Core™ i5-6200U processor and 256GB SSD system memory enable fast workflow
- ▶ Windows 10 operating system allows easy integration into existing workflow
- ▶ Two lithium-ion batteries for extended battery life

Ethernet-based diagnostics



Up to 100 times faster data transfer than previous technologies

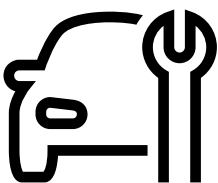
An increasing number of vehicle manufacturers are using DoIP, a new Ethernet-based interface for vehicle diagnostics. The Bosch KTS series not only supports conventional vehicle interfaces but also newer, Ethernet-based interfaces.

This provides you with an intelligent solution for tomorrow's requirements, today.

KTS with PassThru interface

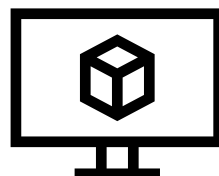
Vehicle manufacturers are required by the Euro 5/6 standard to provide diagnostic, service, repair and maintenance data to independent garages and to enable the reprogramming of ECUs. PassThru already supports 14 vehicle brands with our new KTS generation.

With the PassThru Solution 100 (PTS 100) you will have both the necessary hardware and software as well as the service, which gives you the installation and registration of OEM applications. In addition, experts will assist you if you need help with a specific application.



Workshop
KTS 560 or KTS 590

PassThru software-
via J2534 dll
↔



PC platform
DCU 220

Manufacturer
software
↔



Vehicle manufacturers
OE portals

What drives you, drives us

Technology from Bosch is used in practically every vehicle in the world. For us, the focus is on people and helping them to stay mobile.

We have been dedicated to people for more than 125 years with our pioneering spirit, research, production, and expertise.

And we continue to work on our combination of solutions for spare parts, diagnostic devices, workshop equipment, and services:

- ▶ Solutions for efficient vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ One of the world's largest selections of new and replacement parts
- ▶ Large dealership network for quick and reliable parts supply
- ▶ Competent hotline support
- ▶ Comprehensive educational and training offerings
- ▶ Targeted sales and marketing support

Find out more:
[bosch-automotive-aftermarket.com](https://www.bosch-automotive-aftermarket.com)

Dealers near you:

Robert Bosch GmbH
Automotive Aftermarket
Business Unit Automotive Service Solutions

73201 Plochingen
Germany

www.bosch.com