



BOSCH

Invented for life

Future Driven

EMISSIONS ANALYSIS



**Innovative solutions for a
cleaner and safer environment**

MOT approved emission measurement systems

Emission analysis for future-ready exhaust gas testing

Emissions regulations are becoming more stringent for both gasoline and diesel engines in modern cars. The technology and equipment needed to keep up with these regulations are essential for workshops and inspection organisations for today and for the future.

Bosch provides you with a complete range of MOT approved equipment from basic emissions testing to sophisticated emission system analysis.

The various measurement modules allow you to carry out fast and precise emission measurements on passenger cars, motorcycles, commercial vehicles and buses making the workshop more efficient.



Bosch exhaust gas measurement systems: the right fit for any workshop

- ▶ **BEA 950 S1:** the premium exhaust gas station for the highest demands
- ▶ **BEA 950 S3:** the all-round exhaust gas station for universal use
- ▶ **BEA 550:** mobile emissions diagnosis for variable testing demands
- ▶ **BEA 030:** reliable rotational speed and temperature measurement
- ▶ **KTS 5XX:** quick and easy emissions checks
- ▶ **BEA PC Software:** efficient networking with asanetwork, BNet, Connected Workshop, AU Plus

BEA 950 S1: the premium exhaust gas station for the highest demands

The user-friendly exhaust gas measurement system BEA 950 S1 offers everything needed to quickly and cost-effectively test gasoline and diesel vehicles. It is the perfect solution to current and future demands of workshops.

All measurement modules, control unit testers, PC, 19" monitor, keyboard and A4 printer come in a compact package on a trolley.

Thanks to its sturdy construction, the BEA 950 S1 is well-equipped for tough everyday workshop use.

In short, it is a premium solution designed for more efficient working processes, satisfying even the highest demands



BEA 950 S3: all-round exhaust gas station for universal use

From simple exhaust gas tests to demanding emission system analysis, the BEA 950 S3 is perfectly tailored to everyday workshop operations and simplifies emission measurements.

The powerful all-round solution BEA 950 S3 shows its strengths particularly in everyday testing procedures. It can be comfortably connected to an existing tablet or laptop by Bluetooth and boasts easy and fast usability.

With BEA 950 S3, you get a comfortable all-round solution for all typical workshop duties involving the testing and adjustment of emission values for gasoline, and diesel vehicles.



BEA 950 S1 benefits at a glance

- ▶ Premium emissions test station for demanding workshops
- ▶ Sturdy construction
- ▶ Bluetooth connection between PC, BEA 030 and KTS 5XX
- ▶ Optional battery operation with the diesel smoke-head (BEA 070)
- ▶ Short setup and warmup times
- ▶ Modular expandable solution: works with control unit diagnosis, ESI[tronic] troubleshooting instructions and FSA vehicle system analysis options
- ▶ Supports the Bosch workshop networking concept Connected Workshop
- ▶ Fully approved DVSA software

BEA 950 S3 benefits at a glance

- ▶ Ease of use in connection with existing commercially available laptop or tablet (e.g. Bosch DCU range)
- ▶ Generous laptop shelf on the trolley
- ▶ Sturdy construction
- ▶ Short setup and warmup times
- ▶ Bluetooth connection between tablet, laptop, BEA 070, BEA 030 and KTS 5XX
- ▶ Modular expandable solution: works with control unit diagnosis, ESI[tronic] troubleshooting instructions and FSA vehicle system analysis options
- ▶ Space-saving –all measurement components are stored in the trolley

BEA 030 and KTS 515: reliable rotational speed and temperature measurement

BEA 030:

The BEA 030 is a practical module for quick and easy engine speed measurement via B+/B- and TN/TD and for reading oil temperature.



Technical data	BEA 030
Dimensions (W x D x H)	17 x 12 x 3.5 cm
Weight	0.35 kg
Power supply unit operating voltage	100–240 V, 50–60 Hz
Operating temperature range	5 °C to 45 °C

Designation	Measuring range	Resolution
Battery voltage	9 to 32 V	0.1 V
Oil temperature	-20 °C to 150 °C	0.16 °C
B+/B-	450 to 9,500 rpm	20 rpm
TN/TD	100 to 12,000 rpm	10 rpm

KTS 515:

The KTS 515 can quickly provide Bluetooth engine speed and temperature measurement via diagnostic connection.



Technical data	KTS 515
Dimensions (H x W x D)	17 x 12 x 3.5 cm
Weight	0.33 kg
Connections	OBD diagnostic cable, USB, Bluetooth, power supply unit, operating display

BEA 030 features at a glance

- ▶ Engine speed and temperature measurement
- ▶ Operation from a PC via Bluetooth or USB
- ▶ Included in scope of delivery of all models

KTS 515 features at a glance

- ▶ Simple user guidance
- ▶ Complete EOBD diagnosis for all vehicle makes
- ▶ Operation from a PC via Bluetooth or USB

BEA 550: flexible mobile emissions diagnosis and testing

The portable exhaust gas measurement system BEA 550 was specially developed for mobile emissions testing and offers all the tools needed to meet the specific demands of inspection organisations.

It's quick and easy to set up in both mobile and workshop environments in order to conduct precise testing of gasoline and diesel vehicles.

This makes the BEA 550 with its compact shape and low weight a perfect companion for flexible emissions testing.



BEA 550 benefits at a glance

- ▶ Great usability due to Bluetooth connection between tablet / laptop and BEA 070 (smoke-head), BEA 030 and KTS 5XX
- ▶ Ease of use in connection with existing commercially available laptop or tablet (e.g. Bosch DCU range)
- ▶ Ideal for mobile emissions testing and MOT workshops
- ▶ Flexibility thanks to compact and portable measurement modules
- ▶ Optional battery operation with the BEA 070

The right solution for any need

Scope of delivery	BEA 950 S1	BEA 950 S3
Premium trolley	x	
Medium trolley		x
UK mains lead plug & accessories	x	x
PC, monitor, mouse, printer	x	
Printer		x
Keyboard (GB)	x	
BEA 030	x	x
BEA 055 with O2	x	x
BEA 070 un-calibrated	x	x
BEA 070 cleaning brush	x	x
BEA PC-SW UK	x	x
KTS 515 (with integrated power supply & USB lead)	x	x
Probe (Petrol car) incl. 8 m hose	x	x
Probe (Diesel car) incl. 1 m hose	x	x
Probe seal for leak testing	x	x
Temp probe (90cm)	x	x
B+/B-connection	x	x
TN/TDconnection	x	x
Calibration pin	x	x
Remote control	x	x
Retrofit kit accumulator	Optional extra	Optional extra
Charging station	Optional extra	Optional extra
Dimensions (W x D x H)	178 x 68 x 80 cm	135 x 68 x 80 cm
Weight	120 kg	100 kg



The right solution for any need

Scope of delivery	BEA 550 Combi	BEA 550 Gasoline	BEA 550 Diesel
Trolley	Optional extra		
UK mains lead plug and accessories	x	x	x
BEA 030	x	x	x
BEA 060 with O2	x	x	
BEA 070 un-calibrated	x		x
BEA 070 cleaning brush	x		x
BEA PC-SW UK	x	x	x
KTS 515 (with power supply & USB lead)	x		x
Probe (Petrol car) incl. 8 m hose	x	x	
Probe (Diesel car) incl. 1 m hose	x		x
Probe seal for leak testing	x	x	
Temp probe (90 cm)	x	x	x
B+/B- connection	x	x	x
TN/TD connection	x	x	x
Calibration pin	x		x
Retrofit kit accumulator	Optional extra		Optional extra
Charging station	Optional extra		Optional extra
Wall holder		Optional extra	Optional extra
Dimensions (W x D x H)	414 x 330 x 228 mm	414 x 330 x 228 mm	414 x 330 x 228 mm
Weight	Approx. 30 kg	Approx. 10 kg	Approx. 10 kg



Minimum requirements for laptops or tablets running the BEA PC software

- ▶ Min. 2-GHz CPU or 1.6 GHz dual core
- ▶ Min. 2 GB of RAM
- ▶ Windows XP operating system or newer
- ▶ Min. 160 GB of hard drive space
- ▶ 2 free USB ports
- ▶ Additional options: BEA PC software can also be used with the DCU range

Driven by efficiency

Bosch technologies are used worldwide in almost all vehicles. People, and assuring their mobility, is what we are focused on.

Therefore, we have dedicated the last 125 years of pioneering spirit and expertise in research and manufacturing to achieving this.

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

- ▶ Solutions for efficient vehicle repairs
- ▶ Innovative workshop equipment and software
- ▶ The world's most comprehensive range of new and replacement parts
- ▶ Large network of wholesale customers, for quick and reliable parts supply
- ▶ Competent hotline support
- ▶ Comprehensive educational and training offers
- ▶ Targeted sales and marketing support

Find out more at:
bosch-workshopworld.co.uk

**What drives you
drives us.**

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