

NEW!



NEW: Simply insert and start testing! Rewarding exhaust-gas tests for every workshop



BOSCH

Invented for life

Bosch Diagnostics

ES[tronic]
Software

Test
Equipment

Service
Training

Technical
Hotline

Compact, mobile, flexible: **BEA 460**



Exhaust-gas test made easy with the BEA 460



BEA 460: Simple diagnostics at the vehicle (laptop is not included in the equipment)

All of the BEA 460's new features at a glance

NEW! Quickly connected, immediately ready

The BEA 460 saves you time: One-time installation of the software on your PC and the display, operation and printing functions are available. Then, in practice: Simply connect, switch on and start testing!

NEW! Mobile lightweight device, and tough

The BEA 460 weighs less than a crate of drinks. At the same time, it is equipped for all applications in tough everyday workshop conditions: All necessary connections are provided in the housing. Sensors largely remain inserted – protected against plug-in connection wear. Sensitive parts such as filters, plugs and sensors (trigger clamp) have impact-protection.

NEW! An introductory device at last that can be expanded to a complete system

Start off with the introductory solution with or without diesel. Thanks to the modular design, you can extend your BEA 460 step by step to a complete system.



Compact, mobile, flexible: the new BEA 460

An exhaust-gas test is mandatory every year for millions of cars and motorcycles. You should also offer this service! This helps you make contact with new customers, who you can bind through service and advice. The new BEA 460 makes the performance of the exhaust-gas test particularly easy and profitable.

BEA 460 for highly efficient exhaust measurement

The modular measuring technology of the BEA 460 allows you to test the pollutant emission in less time and with high measurement accuracy: Simple operating prompting makes handling easier. The short warm-up times and measuring period are clear advantages. Thanks to the radio communication between the BEA 460 and PC or laptop, you remain flexible and save space.

Test all vehicles – serve all customers

The BEA 460 is suitable for exhaust measurement and setting of gasoline, diesel and gas vehicles. For all brands and with comprehensive market coverage. Special exhaust-gas test setpoint data is available for motorcycles.

BEA 460: Professional exhaust gas tester for universal use in the workshop

The BEA 460 from Bosch has been developed as a mobile, portable and modular-extendable workshop exhaust-gas analyzer. The device is ideal as an introductory model or a flexible secondary device for

- ▶ Testing organizations
- ▶ Independent workshops
- ▶ Brand workshops
- ▶ Motorcycle workshops
- ▶ Used-car trade
- ▶ Movers
- ▶ Painting and body workshops
- ▶ Breakdown services

High performance at the introductory price: **BEA 460**



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BEA 460: Flexible through radio communication

Specifications	Measures and weights
Housing dimensions (W x H x D)	470x250x400 mm
Weight	< 15 kg including sensors and engine measuring technology
Voltage for power supply unit	90-264 VAC/47-63 Hz
Operating temperature range	5°C to 40°C

Designation	Measurement range	Resolution
Measurement range, accuracy		
CO	0 - 10% vol.	0.001% vol.
CO ₂	0 - 18% vol	0.010% vol
HC	0 - 9999 ppm	1.0 ppm
O ₂	0 - 22% vol	0.010% vol
NO	0 - 5000 ppm	1.0 ppm
Lambda	0.5 - 1.8	0.001
CO _{vrai}	0 - 10% vol	0.010% vol
Oil temperature sensor		
Temperature	-20 - +150°C	0.16°C
Speed, gasoline engine sensor		
BDM (B+ / B-)	450 - 6000 rpm	20 rpm
Terminal 1/TD/TN/EST	100 - 12000 rpm	10 rpm
Trigger clamp	100 - 12000 rpm	10 rpm

Designation	Measurement range	Resolution
Speed, diesel engine sensor		
BDM (B+ / B-)	450 - 6000 rpm	20 rpm
Clamp-on sensor	250 - 7200 rpm	10 rpm
Moment/ adjustment of ignition sensor		
Stroboscope with trigger clamp	0 - 60° CA	0.1° CA
Dwell angle sensor		
Terminal 1	0 - 100%	0.1%
	0 - 360° RA	0.1%
	0 - 360° RA	0.1%
	0.0 - 50.0 ms	0.01 ms
	50.0 - 99.9 ms	0.1 ms
Start of delivery/ injection timing sensor		
Clamp-on sensor or stroboscop	0 - 60° CA	0.1° CA

Model	Designation	Order number
BEA 460 combination	without OBD	0 684 105 461
BEA 460 combination	with int. OBD	0 684 105 462
BEA 460 gasoline	without OBD	0 684 105 465



Filters, connectors and sensors have impact-protection

Bosch: **Skilled partner** for workshop business

Developments from Bosch stand for innovative progress in automobile manufacturing

Geared to the growing proportion of electronics in the vehicle, Bosch offers workshops the suitable test technology for all sizes of company and service concepts. Sturdy, innovative, state-of-the-art automobile technology: Computer-assisted diagnosis systems help in finding any fault more quickly and more reliably. The modular layout – using future-oriented technologies – enables broad networking and efficient use of comprehensive information from the ESI[tronic] software. Mobility and user-friendly user guidance support the workshop in reliable and timesaving diagnostics.



ECU Diagnostics KTS



Engine System Testing FSA



Emission Analysis BEA



Diesel System Testing EPS



Battery Service BAT



Air Conditioning Service ACS



Wheel Alignment FWA



Tyre Service Equipment TSE

Where to find original Bosch Quality:

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