



FSA 050 CAT IV, CAT III Insulation Tester

High voltage tester for electric and hybrid drives

Order Number
0684010050480

FSA 050 CAT IV, CAT III Insulation Tester

Convenient, wireless testing for electric and hybrid drives (Cars, trucks, SUVs, etc). The FSA 050 CAT IV, CAT III Insulation Tester functions as a standalone multimeter or high-voltage meter. Alternatively, transmit the test data wirelessly to your Windows device for further review and analysis.

Future-proof as a standalone device or as a special accessory.

Use the FSA 050 Insulation Tester to view and save high-voltage test data on electric and hybrid drive vehicles including Zero measurement, Insulation Test and high voltage measurements. For additional data analysis, use the included CompacSoft(plus) diagnostic software to download, graph and print test results. The hand-held device can be linked wirelessly via Bluetooth to Windows-based PC systems.

As an individual solution, the FSA 050 offers insulation and high-voltage and resistance testing, as well as capacity and continuity tests for electric and hybrid drives. Simply follow the prompts on screen to perform and review results.

In front right from the start with new vehicle drives.

The FSA 050 allows technicians to perform most diagnostic tasks making it ideal for electric and hybrid fleets. The hand-held device is designed for fast and safe use in the workshop

boschdiagnostics.com

Common Use Cases:

- ▶ High voltage electric AC compressor
- ▶ High voltage shorts to ground
- ▶ Battery Packs
- ▶ Determine Isolation or Insulation Faults

Benefits to the workshop:

- ▶ More versatility and accuracy during troubleshooting
- ▶ Effective electrical diagnostic tool for electric and hybrid vehicles
- ▶ Flexible as a standalone device or as a special accessory

Safety gloves recommended when working with high-voltage vehicles

Equipped for professional electrical diagnostics of electric and hybrid vehicles

- ▶ Hand-held unit with wireless Bluetooth connection to Windows operating systems*
- ▶ Testing of vehicles with electric and hybrid drive
- ▶ High-voltage tests
- ▶ Insulation tests
- ▶ Multimeter function: Voltage, resistance, capacity, continuity test
- ▶ Use as a standalone device or as a special accessory

CompacSoft[plus] diagnostic software offers numerous options in conjunction with the FSA 050 CAT IV, VAT III Insulation Tester

- ▶ Graphical display
- ▶ Download saved test data
- ▶ Report and Print test data
- ▶ Setup setting



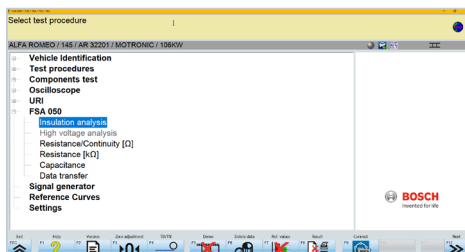
Technical data FSA 050 CAT IV, CAT III Insulation Tester

Function	Range
High-voltage analysis	up to 600 V (TRMS)
Insulation analysis	Test voltages: 50 - 100 - 250 - 500 - 1,000 V Test current: 1 mA
Insulating resistance	Measuring modes: t, PL, DAR or INS
Frequency measurement	40 - 450 Hz
Resistance measurement	0.01 K – 1,000 k
Continuity test	0.01 Ω – 99.9 Ω with test current 20 mA / 205 mA
Capacity measurement	100 pF - 10 yF
Data transmission	Bluetooth Class I / II (range up to 30 m / 10 m)

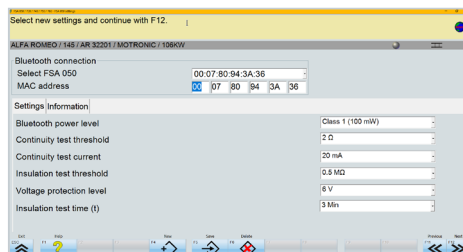
Equipment details

- ▶ 2 Measuring cables
- ▶ High-voltage probe
- ▶ DVD CompacSoft[plus]
- ▶ Bluetooth stick
- ▶ Storage case
- ▶ 5 AA batteries are also included

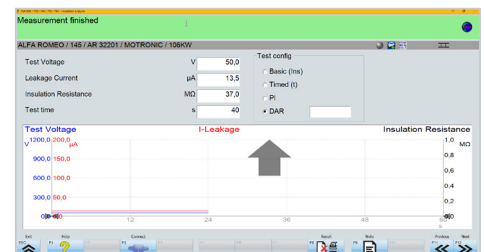
*System requirements: Windows XP SP2, Windows Vista™ Home Premium, Windows Vista™ Business, Windows 7



FSA initial menu



Setup



Insulation measurement