

MQB37W Test Bench Mini

The MQB37W Test Bench Mini represents a model of car electronics where all units can be seated and work the same as usual in cars. This light version of test bench is mainly intended for supporting the development and testing of MIB3 projects.

The advantage of this solution is that tests can be run without the need for an actual car. The MQB37W Test Bench Mini is made of a lightweight aluminium construction. The structure holds a wired harness fixed in a wire duct, which is intended for connection of ECUs, to evaluate technologies and accessories.

The front side of the test bench provides places for the installation of ABT, IC / FPK, and other hardware. The power and data terminals are located on the backside. This provides extensibility to the test bench. Accessories, such as antennas and other items, can be mounted on top of the device.

Thanks to the flexibility of the mechanical design and a suitably designed wiring harness, the test state can be easily modified and extended. Custom modifications are also possible.

Readiness for connection

- › Gateway (GW)
- › Modular infotainment matrix (MIB3)
- › Integrated control panel (ABT)
- › Instrument cluster (IC/FPK)
- › Body control module (BCM)
- › Multi-function steering wheel (MFL)
- › USB-C HUB
- › Read coil



Key features

- ✓ Designed and developed to minimize price
- ✓ Light and mobile test centre
- ✓ Construction flexibility
- ✓ Possibility of extension with optional accessories
- ✓ Possibility to connect other units and accessories
- ✓ CAN bus terminal
- ✓ Prepared for CANSim4 Simulator
- ✓ Prepared for MGB FrameGrabber
- ✓ Prepared for TraceBox

- › LINDa (roof module)
- › Online connectivity unit (OCU3)
- › Koplebox (without antenna)
- › Speaker for OCU
- › 2x loudspeakers (speakers included)
- › On board diagnostic (OBD II)

Accessories

We offer various accessories for this test bench, please visit our website for more information.



MGB FrameGrabber



CANSim4



Headphone connection



Holders, power supply and other

Technical parameters

Platform	MQB37W
Main purpose	Development and validation of MIB3
Connections	CAN, UART (RS232), OBD II
Power supply	12 V to 15 V
Operational temperature	For use in laboratory conditions only
Dimensions (W × D × H)	415 × 320 × 440 mm (including connectors, control elements and DIN rail parts)
Weight without accessories	8.95 kg



For ordering, further details and available accessories please contact us: business.products@digiteqautomotive.com

