

MEB Test Bench Nano

The MEB Test Bench Nano represents a model of car electronics where all units can be seated and work the same as usual in cars. This is a low-cost solution of traditional test bench and it is mainly intended for supporting the development and testing of ICAS3 projects.

The advantage of this solution is that tests can be run without the need for an actual car. The MEB Test Bench Nano is made of a light plastic base with DIN rail for KL terminals, CAN bus terminals, fuses, and wire ducts for wires.

The MEB Test Bench Nano can be made in an online (connected to the backend) or an offline version.

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

Readiness for connection

- › In Car Application Server (ICAS1)
- › In Car Application Server (ICAS3)
- › Integrated control panel (ABT)
- › Innovative Info Display (i.ID)
- › Sensor-actuator module (SAM)
- › Multi-function steering wheel (MFL)
- › USB-C HUB
- › LINDa (roof module)
- › Air conditioning (AC)
- › Online connectivity unit (OCU4)



Key features

- ✓ Designed and developed to minimize price
- ✓ Light and mobile test centre
- ✓ Test bench functionality in a small design
- ✓ Online / offline version
- ✓ Possibility to connect other units and accessories
- ✓ I/O CAN bus connectors
- ✓ I/O ETH connectors
- ✓ Prepared for CANSim4 Simulator
- ✓ Prepared for MGB FrameGrabber
- ✓ Prepared for TraceBox

- › Speaker for OCU
- › Transceiver box (Transc. Box)
- › LTE antenna amplifier
- › Koppelbox
- › 4x loudspeakers
- › Direct access button (DIETa)
- › Lights and vision control panel (LiSi)
- › On board diagnostic (OBD II)
- › Rear view camera (RVC eCompact/eSmart)
- › Top view camera eEntry (TVC)
- › Cameras for top view eEntry
- › Augmented-Reality-Head-Up-Display (AR-HUD)
- › Sound (AMP)
- › Park Distance Control (PDC/PLA)

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	MEB
Main purpose	Development and validation of ICAS3
Connections	CAN, Ethernet, UART (RS232), OBD II
Power supply	12 V to 15 V
Operational temperature	For use in laboratory conditions only
Dimensions (W × D × H)	350 × 187 × 80 mm
Weight without accessories	3 kg



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

