



# MEGATECH<sup>®</sup>

## **CANbus SYSTEM & OPERATIONS**



**ATMC**  
Automotive Training  
Managers Council

Accredited Training Provider



**MODEL: MEG-CANbus**

### DESCRIPTION:

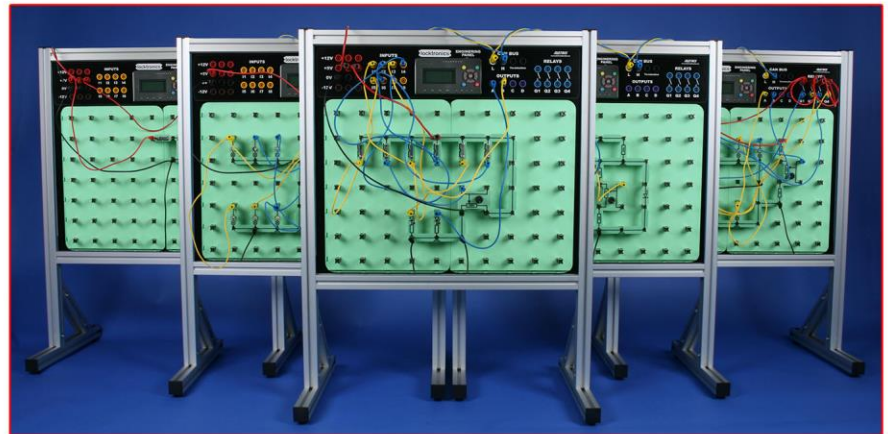
This kit allows a fully functioning CAN bus system, mimicking vehicle operation, to be set up using 4 MIAC Electronics Control Units representing Instrument panel, Front ECU, Powertrain control, and Rear ECU. A fifth MIAC is used for system diagnosis, releasing faults and viewing CAN bus messages. Students are tasked with setting up a fully working CAN bus system, inserting faults and using hardware and software tools to understand fault diagnosis procedures and practice. The solution includes component carriers, baseboard, power supplies and storage trays and is supplied with a full curriculum pack including teacher's notes.

### FEATURES/BENEFITS:

- Make and diagnose a CAN bus system
- Includes OBD socket
- Full CAN bus curriculum and teachers notes
- Includes 5 educational ECUs
- Includes power supply

### TOPICS INCLUDE:

- Advantages of CAN
- ECU action and function
- CAN message structure
- Start up routines
- Wiring in CAN bus systems
- Intelligent design
- CAN bus diagnosis
- Scan tool use in fault diagnosis and release



**Engineering Panels Available**  
**MODEL: MEG-CANbus-EP**