



TPMS Simulator

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UN ECE R141 Compliant TPMS Simulator

ECE R141 Protocol Accuracy: Fully compliant with ECE R141 CAN-Bus protocols and message intervals, ensuring seamless communication with all EU-standard vehicles.

Industrial Reliability: Built into a high-durability transit case for field testing and lab environments, featuring robust industrial PCB design.

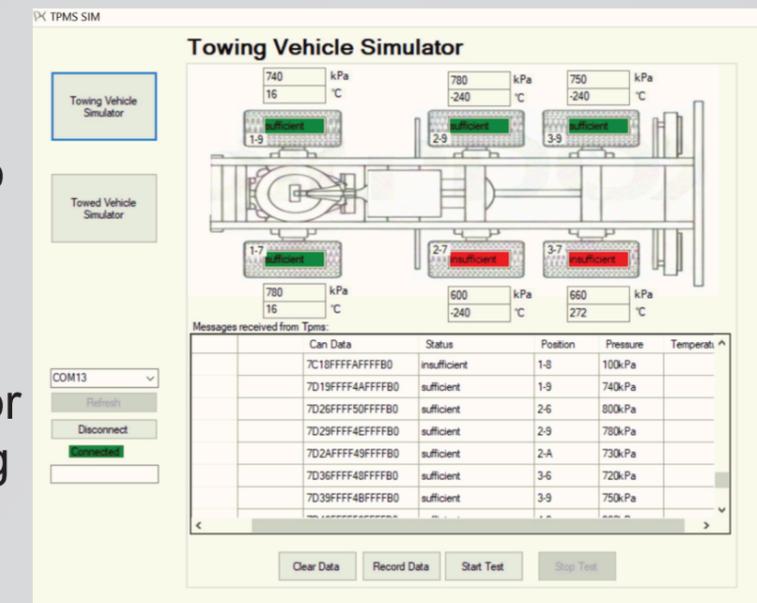


Towing Vehicle Simulation Mode:

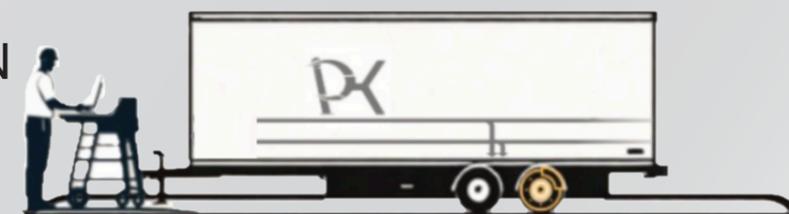
Acts as the towing vehicle to capture and decode TPMS messages originating from the trailer. It visualizes pressure and temperature for up to 6 tires while monitoring all TPMS-related network traffic.

Detailed Data Logging:

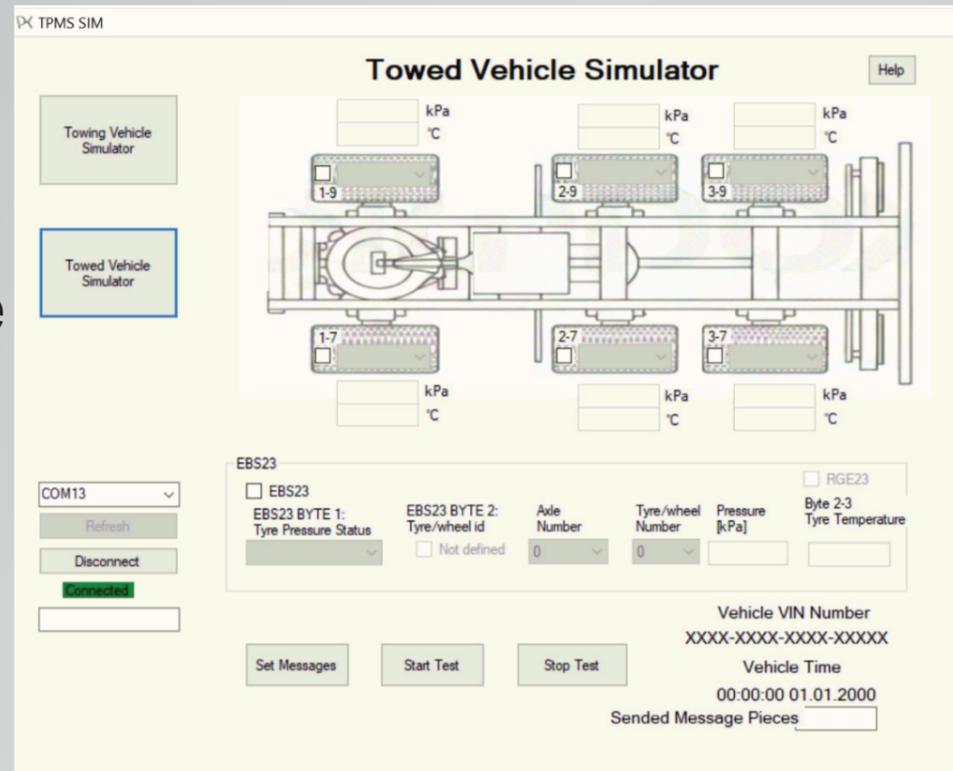
Capable of capturing and recording all incoming CAN messages in Excel (.xlsx) format for comprehensive auditing and reporting.



Can Data	Status	Position	Pressure	Temperat
7C18FFFFAFFFFB0	insufficient	1-8	100kPa	
7D19FFFF4AFFFFB0	sufficient	1-9	740kPa	
7D26FFFF50FFFFB0	sufficient	2-6	800kPa	
7D29FFFF4EFFFFB0	sufficient	2-9	780kPa	
7D2AFF49FFFFB0	sufficient	2-A	730kPa	
7D36FFFF48FFFFB0	sufficient	3-6	720kPa	
7D39FFFF48FFFFB0	sufficient	3-9	750kPa	



Advanced CAN-Bus Simulation for Tyre Pressure Monitoring Systems



Trailer Simulation Mode :

Acts as a smart trailer to simulate TPMS CAN messages sent to the towing vehicle. It allows the user to configure axle/wheel layouts and transmit real-time pressure and temperature data.

Supports mandatory status messaging: Sufficient, Insufficient, Error Indicator, and Not Available. Used to verify dashboard warning lights and the accuracy of the vehicle's onboard computer.

