

Tire Pressure Sensor Test System

Dynetics' Tire Pressure Sensor Test System is a proven, robust plant-floor system that initializes TPS-equipped vehicles.

Dynetics is a technology leader in plant-floor radio frequency designs utilized in Tire Pressure Sensor Test Systems (TPSTS). These systems are completely developed and fully supported by our in-house team. TPSTS equipment is currently deployed in 23 plants for multiple OEMs and Tier 1 suppliers in North America and Europe.

Dynetics' system consists of a plant-floor controller with multiple activation antennae and RF receivers for production line operations. The system interfaces with the plant information systems for build data and sending tire pressure sensor (TPS) IDs. Dynetics offers a fully redundant configuration for maximum availability. Support for spare tire and tire room-only configurations is also provided. Wireless repair tools allow the operator to move around the vehicle untethered and interface with the plant information systems in real time.

Dynetics' design utilizes advanced discrimination techniques to ensure that the sensor of interest is processed while interfering signals are ignored. This feature ensures high reliability in obtaining and processing the sensor IDs.

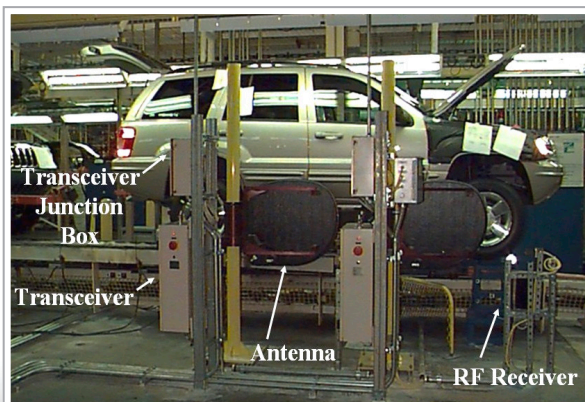
Product Features

Plant-Floor System (End-of-Line, Spare Tire, Tire Room)

- ✦ Activate & Initialize Schrader, Siemens, and Lear Sensors in Wheels
- ✦ 125 KHz Transmitter; 315 MHz & 433 MHz RF Receivers (AM & FM)
- ✦ PC-based Controller with PLC-controlled I/O
- ✦ Network Interface to Plant Information Systems

Portable Reader

- ✦ 125 KHz Transmitter; 315 MHz & 433 MHz RF Receivers (AM & FM)
- ✦ 802.11 Wireless Support (No Cradle)
- ✦ Graphics Display Operator Interface
- ✦ Integrated Barcode Scanner
- ✦ Readily Available Rechargeable Battery



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