

## **DESIGN and SPECIFICATION**

The DUT is a rugged test tool for tyre pressure monitoring devices (TPMs), designed specifically for the workshop environment. Simple to use, the main functions are operated with large keys and a friendly on-screen menu enables easy set-up.

The DUT enables the operator to activate a TPM sensor via LF (125 kHz) transmission, identify that the TPM has transmitted a response by receiver detection, decode the data received, and display such information as identification code, pressure, temperature, status and type.

The hardware may populate dual UHF receivers for reception of TPMS transmission at 315 and 433.92 MHz. The software architecture is designed to accommodate a library of TPM types with various encoding schemes from a range of TPM suppliers.

The DUT's Bluetooth and WLAN communication capabilities can be used to upload captured data for archiving in a host system or for further vehicle diagnostic applications.