

## **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, identify that the TPM has transmitted a response, decodes the data and displays such information as identification code, pressure, temperature, status and type.

The hardware supports dual frequencies from a range of TPM suppliers, standard frequencies being 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 has a download capability for updating its TPM database. This facilitates the continuing introduction to the market of new TPM devices with specific encoding algorithms. The DUT's Bluetooth communication capabilities can also be used to upload captured data for archiving in a host system or for further vehicle diagnostic applications.