



# Product Information Sheet

## Memory Module Tester

### Type: ST301

## Memory Module Tester – ST301

### Overview

The Memory Module Tester consists of a PC running test control software, a memory module test interface and interconnection leads.

The MKII MPMs and PPMs use various configurations of memory modules.

The memory modules contain UV EPROMs and RAM.

The EPROMS contain the main program software and railway scheme specific data.

Some versions of the memory modules use paged memory to access data in the EPROM.

The unit is designed as a stand-alone tester that provides the following functions:

- Go/No-go test of the memory module
- Identifies checksums of the EPROMs
- Tests the RAM
- Test the address mapping

The memory module tester is capable of diagnosing the status of the Memory Module under test and provides a clear indication of any failure found.

A record of the test and the results is automatically generated and may be saved for reference purposes.

### Environment

The memory module tester is designed for indoor use only, in an electrostatic protected area.

### Electrical connections

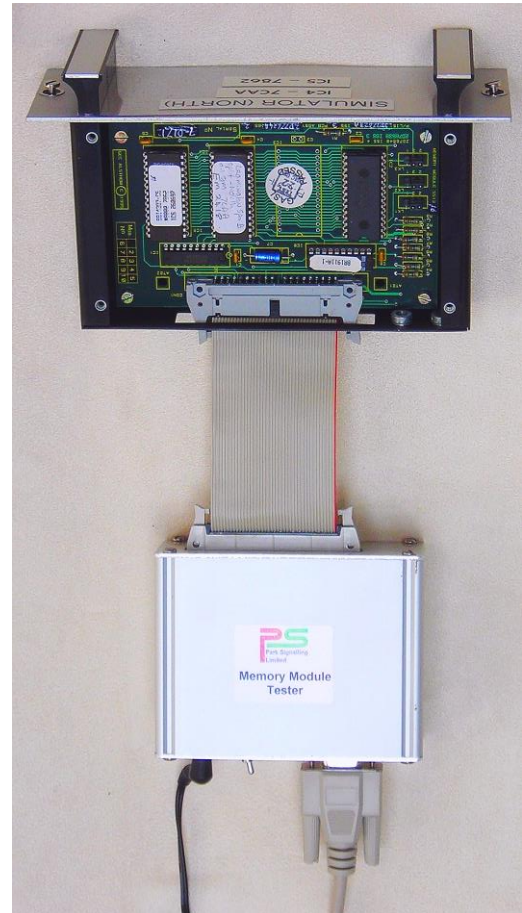
The tester module connects to the PC via the RS232 port for test control.

The tester also connects to the PC via the USB port although this is only to provide the 5V power source used by the tester module.

### Outline

Size: 110 x 45 x 110mm

Weight: 300g



PSL Part No	Description	PA Cert No	PADS
ST 301	Memory Module Tester	PA05/02808	086/047209