

MX Loop Tester

The *MX* Loop Tester can be used to test, commission and fault-find a loop of *MX* analogue addressable detectors and ancillary devices, without having to connect the loop to a fire panel. Up to 250 *MX* devices may be connected. One Person Installation Mode allows new devices to be installed and field tested to confirm operation. Auto Addressing Mode automatically sets the address of any un-programmed device that is added. Walk Test Mode provides a fast alarm response. A laptop (running a terminal program) connected to the unit can be used for operation, display and additional tests and commands.



Features

- **Identifies all detectors / modules on the loop, determining their addresses and device types. Over-addressed (>250), unknown device types, and, generally, duplicate addressed devices are recognised.**
- **Monitors analogue values to determine device status.**
- **Provides alarm test for devices (detectors) that support it.**
- **Allows Walk Test. Any device going into alarm will be shown on the laptop together with its address and time. Walk Test Status (reporting devices / detectors that have not been tested yet) can be requested. Walk test mode overrides detection algorithm delays for fast testing.**
- **Monitors loop current and loop status, identifying loop open / short and over-current conditions. Details devices present on each side of a broken loop (so that the position of the break or tripped isolator can be determined).**
- **Commands to operate device LED and control output modules (relays and sounders).**
- **One Person Installation Mode: Allows addition and field testing of devices without a laptop.**
- **Auto Addressing Mode: Automatically programs new unaddressed devices with next available address.**
- **1,000 event history can be displayed.**
- **Powered from 110V/230V mains supply via 24V, 3A plug pack, or from 24V batteries if mains supply not available (batteries not included).**
- **Up to 250 *MX* devices per loop.**
- **2km unscreened cable; loop, lines and spurs supported.**

- 1 A drive current for loop devices.
- *MX* Photo/Heat Detectors– 801PH, 811PH, 812PH, 814PH; 813P and 814P (photo only).
- *MX* CO/Heat Detectors– 801CH, 811CH, 812CH and 814CH.
- *MX* CO/Photo/Heat Detectors - 801PC.
- *MX* Ionisation Detectors– 801I, 812I and 814I.
- *MX* Heat Detectors– 801H, 811H, 812H and 814H.
- *MX* Flame Detectors - 801F, 811F.
- VESDA LaserCOMPACT – VLC800MX.
- *MX* Call Points – CP820, CP830, CP820M, CP830M, DIN820i, DIN830i, RMS800, GAR800,GARA800.
- *MX* Input Monitor – MIM800, MIM801, CIM800, DIM800, DDM800, BDM800, LAV800.
- *MX* Output Control – RIM800, SNM800, LPS800, SAM800, SAB800, SAB801.
- *MX* Input Output Modules - SIO800, DIO800, MIO800, APM800.
- *MX* Intrinsically Safe (Ex) devices – 801PHEx, 801CHEx, 801HEx, 801FEx, 811FEx, S271i+, S271f+, CP840Ex, IF800Ex.
- *MX* Potentially Explosive Atmosphere - Type of Protection "n" - 811PHExn, 811CHExn, 811HExn, CP830Exn.
- Detailed diagnostics and commissioning modes via laptop.
- Everything needed for testing (including User Manual, but not laptop) is kept inside a handy multi-pocket carry bag (supplied).
- Flash-based firmware allows field reprogramming/upgrade.
- Order Code (Part Number): FP0898 (Aust/NZ/Fiji), 557.203.021 (UK/Europe).
- Dimensions:
 - Unit : 200mm x 122mm x 46mm; Weight : 2kg
 - Carry bag : 250mm x 250mm x 70mm