

Ribble Enviro
...everything gas detection

Data Sheet

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MGT Multi Docking Station

for SP-MGT-P /N



The MGT Multi Docking Station is engineered to enhance the performance and efficiency of the MGT Devices. The Docking Station supports simultaneous calibration and bump testing of up to four devices. The Docking Station automatically detects the number of units that are connected and adjusts the flow rate for a precise calibration. As well as updating the devices firmware automatically to ensure all devices remain up to date

KEY FEATURES & BENEFITS

- ✓ **Zero & Span Calibration and Bump Test** Performs zero/span calibration and bump test for optimal MGT device performance
- ✓ **Automatic Device Recognition** Detects connected devices and adjusts flow rate automatically for optimal calibration
- ✓ **Real-time Status Display** Instant feedback via power and unit LEDs on device status
- ✓ **Event Log Storage** Stores event data on a USB drive for easy access and analysis
- ✓ **Gas Ventilation System** Removes residual gas from the station, ensuring safe and clean operation
- ✓ **User Configuration Options** Allows configuration of settings via IR link or USB for flexible operations
- ✓ **Battery and Power Options** Rechargeable battery for portability or power source for continuous use
- ✓ **Simultaneous Calibration and Bump Testing** Supports the calibration and bump testing of up to 4 MGT devices simultaneously, improving maintenance efficiency

Specifications

Model	MGT Multi Docking Station II
Dimensions	525 (W) x 437 (H) x 213 (D) mm
Weight	11kg *without gas cylinder
Operating Temperature	+5°C to +40°C
Warranty	Full 2 years from the date of purchase, Covering manufacturing defects and performance issues.
Battery Type	Rechargeable Lithium-ion battery
Battery Life	Supports up to 1,000 bump test on a single charge, ensuring prolonged use between charges
LED Indicators	6 Blue LEDs per unit (x4) 3-colour Power LED Switch Backlight LED (Yellow,Green) Provides immediate visual feedback on operational status, including calibration and testing phases
Memory	8GB USB Standard storage Stores calibration, bump test logs and other event data, Facilitating easy transfer and analysis
Log Capacity	Can store up to 10 million test records. Removable USB memory for quick and secure data access and export
Test Performed	Supports simultaneous bump tests and calibration for up to 4 MGT devices. Automatically adjusts the flow rate based on the number of co nected MGT devices.
Information Stored	Detailed logs for bump and calibration test. Individual monitor event logs Firmware versions and unit configurations Stored data is easily accessible via USB for review and analysis
Gases Available	Supports calibration and bump testing for the following gases: LEL (lower explosive limit) , CO (Carbon Monoxide), H2S (Hydrogen Sulphide), O2 (Oxygen), Mixed Gas
Unit Compatibility	Compatible with all MGT models
Calibration Gas	Supports 58L and 116L calibration gas cylinders
Charging Adaptor	Input: 12V, 3A
Automatic Firmware Updates	Automatically upgrades both the docking station and connected MGT devices to the latest firmware upon connection, ensuring all devices are equipped with the latest features and improvements
User Configuration	Configuration options available through IR Link or a PC program