

DOCKING STATION FOR MULTI-GAS DETECTORS



MUNI



PROFESSIONAL GAS DETECTION & ALARM SYSTEMS

The MuniDock (MP420T) and MUNI CaliCase (MP342) are docking and calibration stations for the MUNI MultiGas Detectors.

Features, Functions and Benefits

Simple & Fast: One-button operation for either bump test or calibration

High Capacity: 2,000 calibration or bump record storage in reliable FLASH Memory

Convenient: Records can be downloaded without the MUNI in place

Portable: Battery power for up to 1000 bump tests

Robust: All-in-one hard cases

MuniDock (MP420T) and MUNI CaliCase (MP342)

The MP420T is a single docking box for one instrument and the MP342 handles up to four MUNIs simultaneously. They both provide the three functions of 1) semi-automated calibration or bump testing, 2) data downloading and 3) uploading instrument configuration. All calibrations and bump tests performed on the docking units are stored in on-board memory as a compliance record. Operation is simple: after initial set up, just place the MUNI in the bay in communication mode, and push start. All calibrations and bump test results are stored in on-board memory as a compliance record downloadable separate from the instruments themselves. The docking stations are designed to operate with the four commonly measured gases oxygen (O₂), carbon monoxide (CO), hydrogen sulfide (H₂S), methane (CH₄), plus a second gas input for alternate gases. These stations have rechargeable batteries and are portable for remote use.



MUNiDock MP420T



MUNI MP420

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CaliCase (MP342) Specifications

Size	20.5 x 16.7 x 7.8 in (52.0 x 42.5 x 19.7 cm)
Weight	20 lbs. (9.1 kg)
Number of Units	Up to Four (4) MUNI Monitors
Battery	Rechargeable Lithium battery, up to 400 bump tests (1600 instrument tests) on a single charge
Temperature	-4° to +122°F (-20° to +50°C)
Humidity	5% to 95% Relative Humidity (non-condensing)
Event Log	100,000 Calibration or Bump records
Power & Communications Connection	USB (Type A). On-board battery rechargeable by 12V DC wall adapter
Test Gas Supply	- Cylinder (not included) & regulator inside CaliCase - Built-in pump for air or test gas - C-10 Demand-flow regulator and all gas supply connections included
Gas Connections	Exhaust outlet hose barb for guiding toxic gases away from operator
Cylinder Specifications	- Max 14.25 x 3.5 in. (36.2 x 8.9 cm) - Pressure ≤1300 psi - CGA C-10 connection - Gas mix with up to 4 gases: - Oxygen - Carbon Monoxide - Hydrogen Sulfide - Methane - Alternate gases including Hydrogen Cyanide and Sulfur Dioxide
Recommended Gases	
Safety Certifications	For use in non-hazardous locations
Warranty	1 Year

MuniDock MP420T Specifications

Size	20.5 x 16.7 x 7.8 in (52.0 x 42.5 x 19.7 cm)
Weight	20 lbs. (9.1 kg)
Number of Units	Up to Four (4)
Battery	Rechargeable Lithium battery, up to 400 bump tests (1600 instrument tests) on a single charge
Temperature	-4° to +122°F (-20° to +50°C)
Humidity	5% to 95% Relative Humidity (non-condensing)
Event Log	100,000 Calibration or Bump records
Power Connection	On-board battery rechargeable by 12V DC wall adapter or on PC using USB (Type A) charge/comm cable
Communications	USB (Type A)
Test Gas Supply	- Cylinder(s) & regulator(s) (not included) outside MuniDock - Demand flow regulator(s) required - Built-in pump for air or test gas - Quick-connects for 6-mm o.d. tubing:
Gas Connections	2 Test gas inlets for calibration/bump - Air inlet for zeroing - Gas outlet for safe exhaust - Gas mix with up to 4 gases: - Oxygen - Carbon Monoxide - Hydrogen Sulfide - Methane - Alternate gases including Hydrogen Cyanide and Sulfur Dioxide
Calibration Gases	
Safety Certifications	For use in non-hazardous locations
Warranty	1 Year



* Due to ongoing research and product improvement, specifications are subject to change without notice *