

Docking Station for Multi-Gas Detectors



The MuniDock (MP420T) is a docking and calibration station for the MUNI Multi-Gas Detectors. The MP420T provides fast and easy calibration or bump testing: just connect the gases, 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 station is 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. The MuniDock has rechargeable batteries and is portable for remote use.

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 case



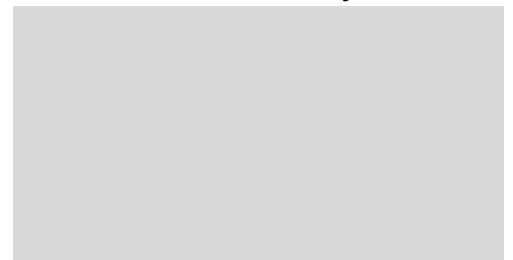
MuniDock

MUNI MuniDock Specifications

MuniDock MP420T Specifications

Size	9.2 x 7.5 x 4.3 in (23.5 x 19.0 x 10.7 cm)
Weight	4.4 lbs. (2.0 kg)
Number of Units	One (1) MUNI Monitor
Battery	Rechargeable Lithium battery, up to 1000 bump tests on a single charge
Temperature	32°F to 122°F (0°C to 50°C)
Humidity	5 to 95% relative humidity (non-condensing)
Event Log	2000 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	<ul style="list-style-type: none">• Cylinder(s) & regulator(s) (not included) outside MuniDock• Demand flow regulator(s) required• Built-in pump for air or test gas
Gas Connections	<ul style="list-style-type: none">• Quick-connects for 6-mm o.d. tubing:• 2 Test gas inlets for calibration/bump• Air inlet for zeroing• Gas outlet for safe exhaust
Calibration Gases	<ul style="list-style-type: none">• Gas mix with up to 4 gases:<ul style="list-style-type: none">• Oxygen• Carbon Monoxide• Hydrogen Sulfide• Methane• Alternate gases including Hydrogen Cyanide and Sulfur Dioxide
Safety Certifications	For use in non-hazardous locations
Warranty	1 year

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