

# POLI MP400T

## Docking Station for Multi-Gas Detectors

The POLI MonoDock (MP400T) is a docking and calibration station for the POLI Multi-Gas Detectors.

The MP400T provides fast and easy calibration or bump testing: just place the POLI in the bay, connect the cable, 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 (O<sub>2</sub>), carbon monoxide (CO), hydrogen sulfide (H<sub>2</sub>S), methane (CH<sub>4</sub>), ammonia (NH<sub>3</sub>), hydrogen cyanide (HCN), plus isobutylene for PID, and several other toxic gases.

The MonoDock has rechargeable batteries and is portable for remote use. Two versions of the MonoDock are offered: one for pumped POLI instruments and one for diffusion POLI instruments.



◀ POLI MP400 suitable for use with MP400T Dock

### KEY FEATURES

- **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 POLI in place
- **Portable:** Battery power for up to 1000 bump tests
- **Robust:** All-in-one hard case

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**SPECIFICATIONS** Specifications subject to change without notice

<b>Size</b>	9.2 x 7.5 x 4.3 in (23.5 x 19.0 x 10.7 cm)
<b>Weight</b>	4.4 lbs. (2.0 kg)
<b>Number of Units</b>	One (1) POLI Pump Monitor
<b>Battery</b>	Rechargeable Lithium battery, up to 1000 bump tests on a single charge
<b>Temperature</b>	32°F to 122°F (0°C to 50°C)
<b>Humidity</b>	5 to 95% relative humidity (non-condensing)
<b>Event Log</b>	2000 Calibration or Bump records
<b>Power &amp; Communications Connection</b>	USB (Type A)
<b>Test Gas Supply</b>	<ul style="list-style-type: none"> <li>• Cylinder(s) &amp; regulator(s) (not included) outside MonoDock</li> <li>• Demand flow regulator(s) preferred</li> <li>• Diffusion POLI: Built-in pump in MonoDock</li> <li>• Pumped POLI: Utilizes POLI pump</li> </ul>
<b>Gas Connections</b>	<ul style="list-style-type: none"> <li>• Quick-connects for 6-mm o.d. tubing:</li> <li>• 2 Test gas inlets for calibration/bump</li> <li>• Air inlet for zeroing</li> </ul>
<b>Calibration Gases*</b>	Gas mix with up to 4 gases: <ul style="list-style-type: none"> <li>• Oxygen (O<sub>2</sub>)</li> <li>• Carbon Monoxide (CO)</li> <li>• Hydrogen Sulfide (H<sub>2</sub>S)</li> <li>• Methane (CH<sub>4</sub>)</li> <li>• Isobutylene (C<sub>4</sub>H<sub>8</sub>, for PID)</li> <li>• Carbon dioxide (CO<sub>2</sub>)</li> <li>• Ammonia (NH<sub>3</sub>)</li> <li>• Hydrogen cyanide (HCN)</li> <li>• Nitric oxide (NO)</li> <li>• Phosphine (PH<sub>3</sub>)</li> <li>• Sulfur dioxide (SO<sub>2</sub>)</li> <li>• Ethylene oxide (ETO)</li> <li>• Methyl mercaptan (CH<sub>3</sub>SH)</li> <li>• Tetrahydrothiophene (THT)</li> </ul>
<b>Safety Certifications</b>	For use in non-hazardous locations
<b>Warranty</b>	1 year

\* Operation with other toxic gases is not available at this time. Check with mPower for availability.



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