

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 (O₂), carbon monoxide (CO), hydrogen sulfide (H₂S), methane (CH₄), ammonia (NH₃), 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.

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



POLI MonoDock

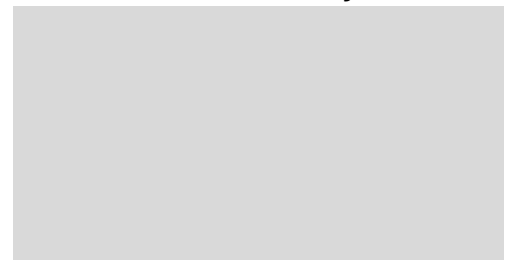
POLI MonoDock Specifications

POLI MonoDock MP400T 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) POLI Pump 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 & Communications Connection	USB (Type A)
Test Gas Supply	<ul style="list-style-type: none">• Cylinder(s) & regulator(s) (not included) outside MonoDock• Demand flow regulator(s) preferred• Diffusion POLI: Built-in pump in MonoDock• Pumped POLI: Utilizes POLI pump
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
Calibration Gases*	<ul style="list-style-type: none">• Gas mix with up to 4 gases:<ul style="list-style-type: none">• Oxygen (O₂)• Carbon Monoxide (CO)• Hydrogen Sulfide (H₂S)• Methane (CH₄)• Isobutylene (C₄H₈, for PID)• Carbon dioxide (CO₂)• Ammonia (NH₃)• Hydrogen cyanide (HCN)• Nitric oxide (NO)• Phosphine (PH₃)• Sulfur dioxide (SO₂)• Ethylene oxide (ETO)• Methyl mercaptan (CH₃SH)• Tetrahydrothiophene (THT)
Safety Certifications	For use in non-hazardous locations
Warranty	1 year

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

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

Ver 0.3