

DOCKING STATION FOR MULTI-GAS DETECTORS



POLI



PROFESSIONAL GAS DETECTION & ALARM SYSTEMS

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

Portable: Battery power for up to 1000 bump tests

Robust: All-in-one hard cases

POLI MonoDock (MP400T)

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.



POLI MonoDock



POLI MP400

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POLI MonoDock



POLI MP400



POLI MP400 INERT

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

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

- 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

- Quick-connects for 6-mm o.d. tubing:
- 2 Test gas inlets for calibration/bump
- Air inlet for zeroing

Calibration Gases

- Gas mix with up to 4 gases:
 - 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)
- Nitrogen Dioxide (NO2)

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 *