

DOCKING STATION FOR SINGLE GAS DETECTORS



UNI



PROFESSIONAL GAS DETECTION & ALARM SYSTEMS

The UNI Docking Box (MP100T) and UNI CaliCase (MP300T1) are docking and calibration stations for the UNI and UNI 321 Single Gas Detectors.

Features, Functions and Benefits

Bump testing, calibration, configuration and data recording on a single platform

Simple, single-button operation

Fast – up to 4 units bumped or calibrated simultaneously (on MP300T1)

1999 or 100,000 calibration or bump record storage

Portable, using battery power for up to 1000 bump tests

Robust – All-in-one hard case

UNI Docking Box (MP100T) and UNI CaliCase (MP300T1)

The MP100T is a single docking box for one instrument and the MP300T1 handles up to four UNIs simultaneously. They both provide the three functions of 1) semi-automated calibration or bump testing, 2) data downloading and 3) uploading instrument configuration. In addition, all calibrations and bump tests performed on the docking units are stored in on-board memory as a compliance record. The docking stations are designed to handle the most commonly measured gases such as oxygen (O₂), carbon monoxide (CO), hydrogen sulfide (H₂S), ammonia (NH₃) hydrogen cyanide (HCN) and sulfur dioxide (SO₂). Both docking systems have rechargeable batteries and are portable for remote use.



UNI Docking Box



UNI MP100



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Single Docking Box MP100T Specifications

Size	9.2 x 7.5 x 4.3 in (23.5 x 19.0 x 10.7 cm)
Weight	3.3 lbs. (1.5 kg)
Number of Units	One (1)
Battery	Rechargeable Lithium battery, up to 1000 bump tests on a single charge
Temperature	-4° to +122°F (-20° to +50°C)
Humidity	5% to 95% Relative Humidity (non-condensing)
Event Log	1999 Calibration or Bump records
Power & Communications Connection	USB (Type A)
Test Gas Supply	- Cylinder & demand flow regulator (not included) outside Docking Box - Built-in pump for air or test gas
Gas Connections	- Quick-connects for 6-mm o.d. tubing: - Test gas inlets for calibration/bump - Air inlet for zeroing - Exhaust outlet for guiding toxic gases away from operator
Calibration Gases	All gases offered in UNI sensors except for ozone, chlorine dioxide, hydrogen chloride*, hydrogen fluoride*, chlorine, phosgene and arsine* * May calibrate with surrogate gas
Safety Certifications	For use in non-hazardous locations
Warranty	1 Year

CaliCase (MP300T1) Specifications

Size	21.9 x 14.1 x 7.3 in (55.6 x 35.8 x 18.5 cm)
Weight	20 lbs. (9.1 kg)
Number of Units	Up to Four (4)
Battery	Rechargeable Lithium battery, up to 1000 bump tests (4000 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)
Test Gas Supply	- Cylinder (not included) & regulator inside CaliCase - Built-in pump for air or test gas
Gas Connections	- C-10 Demand-flow regulator and all gas supply connections included - Exhaust outlet hose barb for guiding toxic gases away from operator - Max 14.25 x 3.5 in. (36.2 x 8.9 cm)
Cylinder Specifications	- Pressure ≤725 psi - CGA C-10 connection
Calibration Gases	All gases offered in UNI sensors except for ozone, chlorine dioxide, hydrogen chloride*, hydrogen fluoride*, chlorine, phosgene and arsine* * May calibrate with surrogate gas
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 *