

Docking Station for MP110 and MP112 Series Single Gas Detectors



The MP311 CaliCase is a docking and calibration station for the MP110 and MP112 UNI Lite series Single Gas Detectors and handles up to four UNI Lites simultaneously. It provides 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 station is designed to handle the standard Unit Lite gases carbon monoxide (CO) and hydrogen sulfide (H₂S), and it is portable with rechargeable batteries for remote use.

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
- 100,000 calibration or bump record storage
- Portable, using battery power for up to 1000 bump tests
- Robust – All-in-one hard case

CaliCase (MP311) Specifications

Size	20.5 x 16.7 x 7.8 in (52.0 x 42.5 x 19.7 cm)
Weight	20 lbs. (9.1 kg)
Number of Units	Up to Four (4)
Battery	Rechargeable Lithium battery, up to 400 bump tests (1600 instrument tests) on a single charge
Temperature	-4°F to 122°F (-20°C 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) On-board battery rechargeable by 12V DC wall adapter
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
Cylinder Specifications	• Max 14.25 x 3.5 in. (36.2 x 8.9 cm) • Pressure ≤1300 psi - CGA C-10 connection
Recommended Gases	All gases offered in UNI Lite sensors (currently CO and H ₂ S)
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 **