



## Single KIMESSA Clip Portable gas monitor for detection of H<sub>2</sub>S, CO or O<sub>2</sub>



Simple to use clip on portable gas detector designed to protect you in a harsh working environment where atmospheric hazards of CO, H<sub>2</sub>S or Oxygen are potentially present. Gas detection made easy with one button operation and suitable for personnel where minimal training is required. Once activated by pressing the button, the Single KIMESSA Clip will continue to operate for 2 years with no requirement to replace or recharge batteries. The Single KIMESSA Clip offers unrivalled low cost of ownership with no hidden service charges.

### **Bump Check Reminder**

All Single KIMESSA Clip models come standard with the bump check reminder feature. When activated, if the detector has not been bump tested within the designated interval, the instrument will emit both a flash and show "buP" across the screen alerting the user, peer, or supervisor that the gas bump test is due. In addition to the flash, the TEST Icon will continually display in the upper left hand corner. This alert increases user accountability and allows for easier policy enforcement. Note the flash feature can be disabled within the IR Link software, if desired (as an option available).

## Features

- Unmatched sensor reliability for H<sub>2</sub>S, CO, & O<sub>2</sub>
- Adjustable alarm set points and real-time gas reading capability
- 50% larger battery capacity
- 0.1 ppm resolution for sensor and display
- Two-way IR comms for event downloads, bump tests & updates
- Programmable unit identification
- Calibration optional
- "Bump check" confirmation/identification

## Technical Specifications

Size:	85 mm H × 50 mm W × 28 mm D
Weight:	76 gr
Temperature:	H <sub>2</sub> S: -40°C to +50°C CO: -40°C to +50°C O <sub>2</sub> : -35°C to +50°C
Humidity:	5% to 95% non-condensing relative humidity
Alarms:	Visual, Vibrating and Audible (minimum 95 db)
Tests:	Full function self-test on activation and every 20 hours; continuous automatic battery and sensor tests
Ratings:	IP 67/ Complies with EMC directives 89/336/EEC
Warranty:	2 years from activation, 1 year shelf life
Measuring range:	H <sub>2</sub> S: 0-100 ppm (Low alarm limit: 5 ppm; High alarm limit: 10 ppm) CO: 0-300 ppm (Low alarm limit: 35 ppm; High alarm limit: 200 ppm) O <sub>2</sub> : 0-30% (volume) (Low alarm limit: 19.5%; High alarm limit: 23.5%)
Certifications:	ATEX: II 1 G Ex ia IIC T4; IECEx: Ex ia IIC T4 UL 913 and CSA-22.2 No 157 Class 1 Division 1&2 Groups A, B, C and D

## Programmable unique 6 digit ID

Considering the rugged environment these instruments are often exposed to and used in, identification via serial number, sticker, or marker can be unreliable. With the unique ID feature, units can be identified with a simple push of a button. Available using both limited alpha and full numeric characters, each unit can be assigned a unique ID utilizing, for example an employee ID number, last 4 digits of SSN, or a job code. Unique ID's will also appear on event log reports and bump test logs. ID's will be displayed on the detector screen in segments of 3 digits at a time (first 3 digits, then last 3 digits).

## Adjustable alarm set points

To adapt with changing health and safety gas exposure regulations for workers in industrial environments, the Single KIMESSA Clip alarm set points can be easily adjusted via the IR Link software (available option) or through the KIMESSA Clip Dock. Detectors can also be special ordered with custom alarm set points. Please contact KIMESSA for more information.

## KIMESSA Clip Dock

KIMESSA Clip Dock is an all in one docking station designed for maximum testing efficiency and portability. Housed in a rugged Pelican© case with robust USB memory, this station will be able to accurately test and record all monitor data while reducing the testing time and gas usage.

Traditional docking stations are only designed to test one instrument at a time, resulting in time consuming testing periods as well as unnecessary usage of testing gas. KIMESSA has significantly improved both testing time and test gas usage with the KIMESSA Clip Dock; users can now test 4 instruments simultaneously saving both time and money. Each KIMESSA Clip Dock comes with the following standard features:

- Test 4 units at one time, up to 12 instruments in a minute
- Easy 1 button operation
- Robust rechargeable internal battery, hundreds of tests before recharging
- Internal gas cylinder regulator and pressure gauge
- 2 GB USB memory for bump test and event log storage
- Optional unit configuration and firmware updates via GCT Manager Software
- Rugged Pelican© case or Wall Mount Dock
- No computer required to operate

### Technical Specifications

Size	Pelican Case Version: 18.50" × 14.06" × 6.93" (47 cm × 35.7 cm × 17.6 cm) Wall Mount K-Clip Dock Version: 17.00" × 11.00" × 1.75"; (Top) / 2.50" (Bottom) (43.2 cm × 27.9 cm × 4.4 cm (Top) / 6.4cm (Bottom))
Information Stored	Bump/Calibration Logs, Individual monitor event logs, Firmware (unit and docking station) and Unit Configurations
Unit Compatibility	Works with all KIMESSA Clip instruments
Calibration Gas	58L or 116L gas cylinders; larger cylinder configurations available

### Features

**Unit Configuration/Firmware Updates:** In order to keep your fleet of gas detectors compliant with specific settings, we allow for the KIMESSA Clip Dock to program each unit during either bump testing or calibration. The programmable fields are as follows: User ID, Calibration Interval, Bump Interval, Self-Test Interval, Low Alarm, High Alarm, Show Sensor Readings, Hide Bump Due LED and Hide Clock. For example, if your company or facility requires each detector on site to have specific alarm set points and a bump test interval, instead of programming each unit individually, the instruments can be group programmed while simultaneously bump testing (4 units at a time per dock) using our GCT Manager software.

As firmware updates become available, we can program each KIMESSA Clip Dock to update units during bump testing and calibration. Facility safety standard compliance for single gas detectors is now easily achievable.

**Event Data and Record Storage:** In addition to performing tests, unit configurations and firmware updates, the KIMESSA Clip Dock also stores important information about both the docking station and units tested. All tests performed on the docking station can be accessed from either the USB directly or using the GCT Manager software. Each bump test and calibration event is recorded and logged by date, time and serial number. Along with the test records, the individual event logs from each unit are saved. At the time of the test, the detector transmits its' event log to the memory. By default, the station will save the previous 10 event logs.

**Wall Mount KIMESSA Clip Dock:** KIMESSA offers a wall mount solution for our KIMESSA Clip Dock. Instead of being housed in a Pelican© case, we provide a slim cabinet type case that can be easily mounted on a wall. This option can be selected at the time of order or can be ordered separately to convert your existing KIMESSA Clip Dock to a Wall Mount KIMESSA Clip Dock. This option is a perfect fit for facilities or office environments.

KIMESSA GCT Manager software provides users the ability to communicate and program the KIMESSA Clip Dock or Wall Mount KIMESSA Clip Dock via IR Link or USB memory stick. In order to communicate with a KIMESSA Clip Dock system via infrared, an IR Link is required. Following is a full list of programmable features offered when communicating with the KIMESSA Clip Dock or Wall Mount KIMESSA clip Dock using the GCT Manager Software via the IR Link:

- Docking Station Location
- Number of Event Logs
- Auto Power-Off Time
- Gas Cylinder Expiration Date
- Gas Cylinder Lot #
- Gas Cylinder Concentration
- Feature Administration Controls
- Station Test Logs
- Individual Instrument Logs
- Inventory Report
- All IR Link Software features

\*System Requirements: Available for Windows© based PCs (XP, Vista, Windows 7) ; Users must also install Microsoft Net 4.0 software.

