



UNI 321

Quick Start Guide V0.3



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Warning

- Never operate the detector when the cover is removed.
- Remove the detector cover and battery only in area known as non-hazardous.
- Use only mPower's lithium battery part number 1.17.02.0002 (3,6V, 2700mAh, AA size) or part No. ER14505 cell manufactured by EVE Energy Co., LTD
- This instrument has not been tested in an explosive gas/air atmosphere having an oxygen concentration greater than 21%.
- Substitution of components may impair suitability for intrinsic safety.
- Substitution of components will void warranty.
- It is recommended to bump test with a known concentration gas to confirm the instrument is functioning properly before use.
- Before use, ensure that the ESD film on the display is not damaged or peeling.

Avertissement

- N'utilisez jamais le moniteur lorsque le couvercle est enlevé.
- Retirer le couvercle du moniteur et la batterie uniquement dans une zone connue comme non dangereuse.
- Utilisez uniquement la batterie au lithium de mPower, pièce No. 1.17.02.0002 (3,6V, 2700mAh, taille AA) ou celle de EVE Énergie Cie., Lté, pièce No. ER14505.
- Cet instrument n'a pas été testé dans une atmosphère explosive gaz / air ayant une concentration en oxygène supérieure à 21%.
- La substitution de composants compromettra l'aptitude à la sécurité intrinsèque.
- La substitution des composants annulera la garantie.
- Il est recommandé de tester avec un gaz de concentration connu pour confirmer que l'instrument fonctionne correctement avant de l'utiliser.
- Avant de l'utiliser, assurez-vous que le film ESD sur l'écran n'est pas endommagé ou épluché.

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Read Before Operating

The User's Guide must be carefully read by all individuals who have or will have the responsibility of using, maintaining, or servicing this product. The product will perform as designed only if it is used, maintained, and serviced in accordance with the manufacturer's instructions.

User Interface

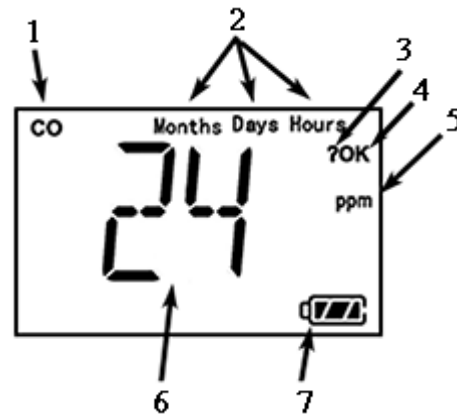
The UNI 321's user interface consists of the LCD display, LEDs, an alarm buzzer, two keys: Left Key [Confirm/Increase Number] and Right Key [Power/Move Cursor], an alligator clip, & a sensor.



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Display

1. Gas name, includes: CO, H₂S, O₂
2. Remaining time unit: Months, Days or Hours
3. Question mark
4. Unit status indicator "OK"
5. Gas unit, for alarm setting display
6. Remaining operating time
7. Battery status



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Turning the Unit On

Press and hold the Right Key for 3 seconds, until the LCD displays "on", the buzzer beeps, and the green LED is on. After power on, the unit enters a warm up and self-test sequence, followed by normal mode. Once in normal mode, the unit will run continuously until the remaining life time ends, and cannot be turned off.

Normal & Alarm Modes

In normal mode, the unit continuously monitors the gas concentration, while the LCD displays the remaining life time, as long as there is no gas alarm. If an alarm concentration is exceeded, the LCD shows either "Low Alarm" or "High Alarm", depending on which level is triggered.

Bump Test

A bump test can be performed manually or using the mPower Suite software and MP300 CaliCase. Please refer to the software user manual.

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Maintenance and Service

The UNI 321 is maintenance free.

Year of Manufacture

The fifth and sixth digits in the serial number of the instrument indicate the year of manufacture, i.e., 00-99 indicate years 2000 to 2099.

Intrinsic Safety

UL/cUL:

Class I, Groups A, B, C, D

Class II, Groups E, F, G

Class III

T4, $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq 50^{\circ}\text{C}$

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Proper Product Disposal at End Of Life



The Waste Electrical and Electronic Equipment (WEEE) directive (2002/96/EC) is intended to promote recycling of electrical and electronic equipment and their components at end of life. This symbol (crossed-out wheeled

bin) indicates separate collection of waste electrical and electronic equipment in the EU countries. This product may contain one or more nickel-metal hydride (NiMH), lithium-ion, or alkaline batteries. Specific battery information is given in this user guide.

Batteries must be recycled or disposed of properly. At the end of its life, this product must undergo separate collection and recycling from general or household waste. Please use the return and collection system available in your country for the disposal of this product.

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