

WINGMAN F1



Portable Gas Detector

Quick Start Guide

Guide de démarrage rapide
Guia de inicio rápido



WARNINGS

EN

- For safety reasons, this equipment must be operated and serviced by qualified personnel only.
- Read and understand the operators manual completely before operating or servicing.
- Substitution of components may affect safety.



BATTERY









- Lithium battery: Only use approved battery: 1/2AA, ER14252, 3.6V 1.0Ah Lithium Battery (P/N: TL-2150).
- Do not dispose. Use appropriate recycling services.



CAUTION

- Before opening for service, power down equipment.
- Do not operate equipment while it is open.
- Only service equipment in area known to be non-hazardous.

Common Operations




| | |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Up | Hold  1 second |
| Power Down | Hold  3 seconds |
| Return Home | Tap  |
| Enter Menu |  +  |
| Navigate/Scroll |  /  |
| Select/Next/Silence |  |

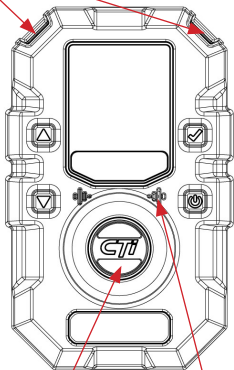
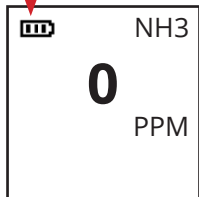
EN**Visual Alarm**

Alarm Set Points

| | |
|------------|---------|
| Low Alarm | 25 ppm |
| High Alarm | 300 ppm |
| TWA (8hr) | 25 ppm |
| STEL | 50 ppm |

Battery Level

-  Full battery, 1-2 year
-  2/3 battery - less than 1 year
-  1/3 battery - Approx 8 hours, alarm will chirp every five minutes.

**Gas Inlet****Audible Alarm**

Bump Test

Bump-test daily with ammonia calibration gas before using the detector, making sure it alarms as intended.

Calibrate the detector if the bump-test fails.

Bump-test after the detector suffers a hard impact, is exposed to water, high levels of dust or debris, or high concentrations of ammonia gas.

Warranty

Limited Warranty & Limitation of Liability

Calibration Technologies, LLC. (CTI) warrants this product to be free from defects in material and workmanship under normal use and service for a period of two years (including the sensor element), beginning on the date of shipment to the buyer.

This warranty extends only to the sale of new and unused products to the original buyer. CTI's warranty obligation is limited, at CTI's option, to refund of the purchase price, repair, or replacement of a defective product that is returned to a CTI authorized service center within the warranty period. In no event shall CTI's liability hereunder exceed the purchase price actually paid by the buyer for the product.

This warranty does not include:

- a) routine replacement of parts due to the normal wear and tear of the product arising from use;
- b) any product which in CTI's opinion, has been misused, altered, neglected or damaged by accident or abnormal conditions of operation, handling or use;
- c) any damage or defects attributable to repair of the product by any person other than an authorized dealer or contractor, or the installation of unapproved parts on the product.

The obligations set forth in this warranty are conditional on:

- a) proper storage, operation, calibration, use, maintenance and compliance with the product manual instructions and any other applicable recommendations of CTI;
- b) the buyer promptly notifying CTI of any defect and, if required, promptly making the product available for correction. No goods shall be returned to CTI until receipt by the buyer of shipping instructions from CTI; and
- c) the right of CTI to require that the buyer provide proof of purchase such as the original invoice, bill of sale or packing slip to establish that the product is within the warranty period.

THE BUYER AGREES THAT THIS WARRANTY IS THE BUYER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. CTI SHALL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSSES, INCLUDING LOSS OF DATA, WHETHER ARISING FROM BREACH OF WARRANTY OR BASED ON CONTRACT, TORT OR RELIANCE OR ANY OTHER THEORY.

Service and Replacement Parts

CTI

920 N. Tradewinds Pkwy

Columbia, MO 65201

phone: 866-394-5861

email: sales@ctigas.com

website: ctigas.com

CT49-DOC2-0
20230918



AVERTISSEMENTS

FR

- Pour des raisons de sécurité, cet équipement doit être utilisé et entretenu uniquement par du personnel qualifié.
- Lisez et comprenez entièrement le manuel de l'opérateur pour l'utilisation ou l'entretien.
- La substitution de composants peut affecter la sécurité.



PILE









- Pile au lithium : utilisez uniquement une pile approuvée: pile au lithium 1/2AA, ER14252, 3.6V 1.0Ah (P/N: TL-2150).
- Ne pas jeter. Utilisez les services de recyclage appropriés.



ATTENTION

- Avant d'ouvrir pour l'entretien, mettez l'équipement hors tension.
- Ne faites pas fonctionner l'équipement lorsqu'il est ouvert.
- Procédez à l'entretien dans un environnement sécuritaire seulement.

Opérations courantes

| | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Allumer | Appuyer  1 seconde |
| Éteindre | Appuyer  3 secondes |
| Écran d'accueil | Taper  |
| Écran de menu |  +  |
| Naviguer/Faire défiler |  /  |
| Sélectionner/Suivant/Silence |  |

Voyants d'alarme

Consigne d'alarme

| | |
|--------------|--------|
| Alarme basse | 25 ppm |
|--------------|--------|

| | |
|---------------|---------|
| Alarme élevée | 300 ppm |
|---------------|---------|

| | |
|----------|--------|
| TWA (8h) | 25 ppm |
|----------|--------|

| | |
|------|--------|
| STEL | 50 ppm |
|------|--------|

Charge de la pile



Pile pleine 1-2 ans



2/3 pile - moins d'un an

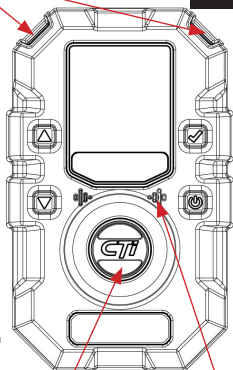


1/3 pile - environ
8 heures, l'alarme
retentira toutes les 5
minutes

NH₃

0

PPM



Entrée de gaz

Alarme auditive

Test fonctionnel

Effectuez un test fonctionnel quotidiennement à l'aide de gaz d'étalonnage d'ammoniac avant d'utiliser le détecteur; ce test assurera que l'appareil émettra les alarmes comme il se doit.

Calibrez le détecteur si le test au gaz échoue.

Effectuez un test de fonctionnement si le détecteur a subi un choc important, a été exposé à l'eau, affiche des niveaux élevés de poussière ou de débris, ou montre des concentrations élevées de gaz ammoniac.



ADVERTENCIAS

- Por razones de seguridad, este equipo debe ser operado y reparado únicamente por personal calificado.
- Lea y comprenda completamente el manual del operador, ya sea para su operación o servicio.
- La sustitución de componentes puede afectar la seguridad.



BATERÍA









- Batería de litio: Utilice únicamente baterías aprobadas: Batería de litio1/2AA, ER14252, 3.6V 1.0Ah (P/N: TL-2150).
- No la deseche. Utilice los servicios de reciclaje adecuados.



PRECAUCIÓN

- Antes de abrir para el servicio, apague el equipo.
- No opere el equipo mientras esté abierto.
- Solo dé servicio al equipo en áreas que se sabe que no son peligrosas.

Operaciones comunes

| | |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Encendido | Pulsar  1 segundo |
| Apagado | Pulsar  3 segundos |
| Pantalla de inicio | Tocar  |
| Pantalla de menú |  +  |
| Navegar/desplazarse |  /  |
| Seleccionar/Siguiente/Silenciar |  |

Alarma visual

Puntos de ajuste de alarma


| | |
|-------------|--------|
| Alarma baja | 25 ppm |
|-------------|--------|


| | |
|-------------|---------|
| Alarma alta | 300 ppm |
|-------------|---------|


| | |
|----------|--------|
| TWA (8h) | 25 ppm |
|----------|--------|

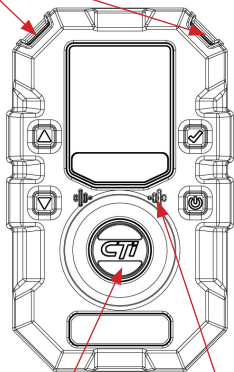
| | |
|------|--------|
| STEL | 50 ppm |
|------|--------|

Nivel de batería

 Batería completa, 1-2 años

 2/3 de batería - menos de 1 año

 1/3 de batería: aproximadamente 8 horas, la alarma sonará cada 5 minutos.



Entrada del gas

Alarma audible



0

NH₃

PPM

Prueba funcional

Realice una prueba funcional diaria con gas de calibración amoníaco antes de usar el detector y asegúrese de que emita las alarmas debidamente.

Calibre el detector si la prueba funcional falla.

Realice una prueba funcional si el detector ha sufrido un fuerte impacto, se ha expuesto al agua, a altos niveles de polvo o residuos, o a altas concentraciones de gas amoníaco.