



SCRAM[®]
REMOTE BREATH



SCRAM Remote Breath[®]

Quick Reference Guide

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Please read, understand, and follow all information contained in this manual prior to using the SCRAM Remote Breath (RB) device. Retain this manual for future reference.

Patents: www.scrampatents.com

Intended Use

The SCRAM Remote Breath device is part of a breath alcohol monitoring system and transfers data to a computerized monitoring network. This equipment is intended for use on individuals being monitored by a trained supervising authority.

Health and Safety Notice

WARNING

Improper installation or use of this SCRAM device may cause injury.

Refer to Health and Safety Notice at www.scramsafety.com or on SCRAMNET Help page and follow instructions to avoid injury.

Cleaning

To avoid damaging equipment, use only cleaning and disinfecting products approved by SCRAM Systems on the SCRAMNET Help page. Never use citrus or pine-based cleaning products. To avoid contaminating alcohol sensors within SCRAM Systems products, never use alcohol or alcohol-containing cleaning products.

Battery Warnings

Caution - Contains Li-ion or Li-polymer battery. Do not heat, throw into fire, deform, short circuit, immerse in or wet with water.

Caution - Risk of Explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

To recharge use only the provided SCRAM RB charger.

Regulatory Information - English

United States

Model RB-100

Input 10V  930mA

FCC ID P8M-AMSCGJMW1

Certified to ANSI/UL STD 60950-1



This device complies with part 15 of the FCC Rules. Operation of this device is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications to this device not expressly approved by SCRAM Systems could void the user's authority to operate the equipment.

WARNING - Unauthorized antennas, modifications, or attachments could impair call quality, damage the device, or result in violation of FCC regulations.

FCC RF Exposure Information: This device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emissions limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. These guidelines are based on the safety standards previously set by the U.S. and international standards bodies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless RF devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 4 W/kg. SAR values at or below that limit are considered safe for the general public. The maximum SAR value when operated in as a hand held device in accordance with this manual is 1.31 W/kg, which is below the limit set by the FCC. Refer to the Assign SCRAM Remote Breath Device, Replace SCRAM Remote Breath Device, and Check In SCRAM Remote Breath Device sections for more information on when the device is transmitting.

Canada

Model 19669

Input 10V  930mA

IC:8549A-AMSCGJMW1

Certified to CAN/CSA STD C22.2 No. 60950-1



This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

WARNING - Unauthorized antennas, modifications, or attachments could impair call quality, damage the device, or result in violation of Industry Canada regulations.

IMPORTANT! Read these safety guidelines prior to using your device. Failure to follow these rules and guidelines may be dangerous and/or illegal.

RF EXPOSURE: This device is a radio transmitter and receiver. It is designed and manufactured not to exceed the emissions limits for exposure to radio frequency (RF) energy set by Industry Canada (IC). These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. These guidelines are based on the safety standards previously set by Industry Canada and international standards bodies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless RF devices employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the IC is 4 W/kg. SAR values at or below that limit are considered safe for the general public. The maximum SAR value when operated in as a hand held device in accordance with this manual is 1.31 W/kg, which is below the limit set by IC.

Regulatory Information - Spanish

Estados Unidos

Modelo RB-100

Entrada 10V  930mA

FCC ID P8M-AMSCGJMW1

Certificado por ANSI/UL STD 60950-1



Este aparato cumple con la parte 15 de las Reglas de la FCC. El funcionamiento de este aparato está sujeto a las siguientes dos condiciones:

1. Este aparato no puede no provocar interferencias.
2. Este aparato debe aceptar la interferencia, incluyendo la interferencia que puede provocar un funcionamiento no deseado del aparato.

Los cambios o modificaciones a este aparato no aprobados expresamente por los Sistemas SCRAM podrían anular la autoridad del usuario para operar el equipo.

ADVERTENCIA: Las antenas, modificaciones o anexos no autorizados podrían afectar la calidad de la llamada, dañar el aparato o resultar en una violación de las regulaciones de la FCC.

Información de exposición RF FCC: Este dispositivo es un transmisor y receptor de radio. Está diseñado y fabricado para que no exceda los límites de emisiones para exposición a energía de frecuencia de radio (RF) establecida por la Comisión Federal de Comunicaciones (FCC) del gobierno estadounidense. Estos límites son parte de pautas integrales y establecen niveles permitidos de energía de RF para la población general. Estas pautas se basan en las normas de seguridad establecidas previamente por los organismos de las normas internacionales y de los Estados Unidos. Las normas incluyen un margen sustancial de seguridad diseñado para garantizar la seguridad de todas las personas, independientemente de la edad y de la salud.

El estándar de exposición para aparatos RF inalámbricos emplea una unidad de medida conocida como la Tasa de Absorción Específica, o SAR. El límite de la SAR establecida por la FCC es de 4 w/kg. Los valores de la SAR en o por debajo de ese límite se consideran seguros para el público general. El valor máximo de la SAR cuando funciona como dispositivo manual conforme con este manual es de 1.31 w/

kg, lo cual está por debajo del límite establecido por la FCC. Consulte las secciones Asignar el Aparato de Aliento Remoto SCRAM, Reemplazar el Aparato de Aliento Remoto SCRAM y Verificar el Aparato de Aliento Remoto SCRAM para obtener más información acerca de cuándo el dispositivo está transmitiendo.

Canadá

Modelo 19669

Entrada 10V  930mA

IC: 8549A-AMSCGJMW1

Certificado por CAN/CSA STD C22.2 Nro. 60950-1



Este aparato cumple con el(los) estándar(es) de la licencia de la Industria Canadiense - RSS exentas. El funcionamiento está sujeto a las siguientes dos condiciones:

1. Este aparato no puede no provocar interferencias.
2. Este aparato debe aceptar la interferencia, incluyendo la interferencia que puede provocar un funcionamiento no deseado del aparato.

ADVERTENCIA: Las antenas, modificaciones o anexos no autorizados podrían afectar la calidad de la llamada, dañar el aparato o resultar en una violación de las regulaciones de la industria canadiense.

¡IMPORTANTE! Lea estas pautas de seguridad antes de usar su aparato. No seguir estas reglas y pautas puede ser peligroso y/o ilegal.

EXPOSICIÓN RF: Este dispositivo es un transmisor y receptor de radio. Está diseñado y fabricado para que no exceda los límites de emisiones para exposición a energía de frecuencia de radio (RF) establecida por la industria canadiense (IC). Estos límites son parte de pautas integrales y establecen niveles permitidos de energía de RF para la población general. Estas pautas se basan en las normas de seguridad establecidas previamente por los organismos de las normas internacionales y de la industria canadiense. Las normas incluyen un margen sustancial de seguridad diseñado para garantizar la seguridad de todas las personas, independientemente de la edad y de la salud.

El estándar de exposición para aparatos RF inalámbricos emplea una unidad de medida conocida como la Tasa de Absorción Específica, o SAR. El límite de la SAR establecida por la IC es de 4 w/kg. Los valores de la SAR en o por debajo de ese límite se consideran seguros para el público general. El valor máximo de la SAR cuando funciona como un aparato manual conforme con este manual es de 1.31 w/kg, lo cual está por debajo del límite establecido por la IC.

Regulatory Information - French

États-Unis

Modèle RB-100

Entrée 10 V  930 mA

ID FCC P8M-AMSCGJMW1

Certifié ANSI/UL STD 60950-1



Cet appareil est conforme à l'article 15 du règlement de la FCC. L'exploitation de cet équipement est assujettie aux deux conditions suivantes :

1. Cet appareil ne doit pas émettre d'interférences indésirables, et
2. Cet appareil doit accepter toutes les interférences reçues, notamment celles pouvant provoquer un fonctionnement indésirable.

Des changements ou des modifications sur cet appareil qui ne sont pas expressément approuvées par SCRAM Systems peuvent annuler le droit de l'utilisateur à exploiter l'équipement.

Des antennes non autorisées, des modifications ou des accessoires peuvent nuire à la qualité des appels, endommager l'appareil ou être à l'origine d'une infraction aux règlements de la FCC.

Informations de la FCC sur l'exposition HF : Cet appareil est un émetteur-récepteur radio. Il est conçu et fabriqué pour ne pas dépasser les limites d'émissions à l'exposition aux hautes fréquences (HF) établies par la Federal Communications Commission (FCC) du gouvernement des États-Unis. Ces limites font partie de directives complètes et déterminent les niveaux autorisés d'énergie HF pour la population générale. Ces directives se fondent sur les normes de sécurité précédemment établies par les organismes de normalisation américains et internationaux. Les normes comprennent une marge de sûreté substantielle conçue afin d'assurer la sécurité de toutes les personnes, quel que soient leur âge et leur état de santé

L'exposition normalisée aux équipements HF sans fil utilise une unité de mesure connue sous le nom de Débit d'absorption spécifique ou DAS. La limite du DAS définie par la FCC est de 4 W/kg. Les valeurs du DAS en dessous de cette limite sont considérées comme étant sans danger pour le grand public. Avec un dispositif portatif, la valeur maximum du DAS, conformément à ce manuel, s'établit à 1,31 W/kg, ce qui la situe sous la limite définie par la FCC. Reportez-vous aux sections Assign Remote Breath Device (Attribution du dispositif d'haleine à distance SCRAM), Replace SCRAM Remote Breath Device (Remplacement du dispositif d'haleine à distance SCRAM) et Check In SCRAM Remote Breath Device (Enregistrement du dispositif d'haleine à distance SCRAM) pour de plus amples informations lorsque l'appareil est en émission.

Canada

Modèle 19669

Entrée 10 V  930 mA

IC: 8549A-AMSCGJMW1

Certification CAN/CSA STD C22.2 N° 60950-1



Cet appareil est conforme aux normes RSS d'exemptions de licence d'Industrie Canada. Son utilisation est assujettie aux deux conditions suivantes :

-
1. Cet équipement ne doit pas émettre d'interférences.
 2. Cet équipement doit accepter toutes les interférences, notamment celles pouvant être à l'origine d'un fonctionnement indésirable de l'appareil.

Des antennes non autorisées, des modifications ou des accessoires peuvent nuire à la qualité des appels, endommager l'appareil ou être à l'origine d'une infraction aux règlements d'Industrie Canada.

IMPORTANT! Lisez ces directives de sécurité avant d'utiliser votre équipement. Tout manquement à ces règles et à ces directives peut être dangereux et/ou illégal.

EXPOSITION HF: Cet appareil est un émetteur-récepteur radio. Il est conçu et fabriqué pour ne pas dépasser les limites d'émissions à l'exposition aux hautes fréquences (HF) établies par Industrie Canada (IC). Ces limites font partie de directives complètes et déterminent les niveaux autorisés d'énergie HF pour la population générale. Ces directives se fondent sur les normes de sécurité précédemment établies par Industrie Canada et les organismes de normalisation internationaux. Les normes comprennent une marge de sûreté substantielle conçue afin d'assurer la sécurité de toutes les personnes, quel que soient leur âge et leur état de santé

L'exposition normalisée aux équipements HF sans fil utilise une unité de mesure connue sous le nom de Débit d'absorption spécifique ou DAS. La limite du DAS définie par IC est de 4 W/kg. Les valeurs du DAS en dessous de cette limite sont considérées comme étant sans danger pour le grand public. Avec un dispositif portable, la valeur maximum du DAS, conformément à ce manuel, s'établit à 1,31 W/kg, ce qui la situe sous la limite définie par IC.

24/7 Technical Support

- Phone - 303.785.7879
- E-mail - support@scramsystems.com

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INTRODUCTION

The SCRAM Remote Breath device is the world's first handheld, wireless, portable breath alcohol device with automated facial recognition and GPS location with every test type. The device is ideal for client's who have earned less intensive testing and monitoring. Features include:

- » One-piece, handheld, cellular
- » Proven fuel cell technology
- » Client text message reminders and notifications
- » Fixed, random, on-demand, and client-initiated testing

GLOSSARY OF TERMS

Automated Facial Intelligence (AFI) – Technology used to compare photographs taken during a SCRAM Remote Breath test.

Courtesy Reminder – The client can choose to receive a text-message reminder to perform a scheduled breath test 30 minutes before, 15 minutes before, or at the scheduled test time.

Fixed Remote Breath Test – A one-hour, single instance test window that can also be set to reoccur at the same time each day that it is scheduled.

Grace Period – Establishes the amount of time from the scheduled time that the client has to take a test.

On-Demand Remote Breath Test – A test that is initiated real-time with the client receiving an audio indication of the required test within 20 minutes.

Random Remote Breath Test – A test window that can be varied in length, with the actual event occurring at any time during that period of time.

LOG ON TO SCRAMNET

1. Open browser on your desktop.
 - Internet Explorer - v10 or later
 - Firefox - Versions released in last 6 months
 - Chrome - Versions released in last 6 months
2. Enter the SCRAMNET Internet address in the Address field.
3. Press the **Enter** key.
4. Enter your username and password (case sensitive).
5. Click the **Log on** button.
The site appears in the browser.

INITIAL SCRAM REMOTE BREATH CLIENT SETUP

ADD NEW CLIENT IN SCRAMNET

1. Access the agency in SCRAMNET.
2. Click the **Add Client** button to access the *Add New Client* page.
3. Enter client's personal information.
 - First name
 - Last name
 - Date of birth
4. Enter general information.
 - Case number
 - Date on program
 - Time zone
5. Enter as much address information as possible.
6. Enter as much contact information as possible.

-
7. Enter employment information.
 - Occupation
 - Necessary work environment notes
 - Work hours
 8. Enter jurisdiction information.
 - Region (if being utilized)
 - Location (if being utilized)
 - Agency
 - Agent
 - Court
 - Judge
 9. Select client type options.
 - Client type
 - Client offense
 10. Select monitoring type.
 - **Remote Breath** radio button
 - **Priority Notification** check box (optional)
 - Grace period
 - **Allow Client-Initiated** check box (optional)
 11. Click the **Save Client and Assign Equipment** button.

The *Assign Remote Breath* page appears.

ASSIGN DEVICE

Prior to assigning the device:

1. Plug the power cord into the SCRAM Remote Breath device and into an electrical outlet.

The **green** battery light will blink when the device is fully charged. This may take several minutes to several hours, depending on how much the battery is currently charged. Fully charging a dead battery takes approximately six hours.

To assign a device:

1. In SCRAMNET, locate the client's *Equipment* page.

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2. Click the **Assign Equipment** button to access the *Assign Remote Breath* wizard page.
 3. Enter the device being assigned in the Serial Number field.
 4. Click the **Assign** button.
 5. Click the **Finish** button to exit the wizard.

The client's *Equipment* page appears with the SCRAM Remote Breath status set to "Pending Assignment".
 6. Instruct the client to perform an initial breath test.
 - a. Press and hold the **Power** button on the device for approximately 5 seconds until the battery light turns solid **green**.

The device will power up and display:
PLEASE WAIT -> CONNECTING -> TRANSFERRING DATA -> READY FOR ENROLLMENT -> BLOW
 - b. Firmly insert the breath tube into the breath tube port.
 - c. Before the initial test, have the client:
 - » Stand in a well-lit area away from direct sunlight.
 - » Remove hat, sunglasses, and any hair hanging over the face.
 - d. Have the client:
 1. Stand with the back to a wall, hold the head upright, and look directly forward.
 2. Hold the device up to the mouth with the breath tube level with the floor.
 3. Take a deep breath.
 4. Blow into the breath tube at a consistent air volume.
 5. Continue to blow until *STOP* is displayed.

At this time:

 - » The device displays *ANALYZING DATA*.

-
- » If the enrollment photograph is adequate, *ENROLLMENT PHOTO IS GOOD -> TRANSFERRING DATA* messages are displayed as the BrAC and photograph data are sent to SCRAMNET.
 - » If the enrollment photograph is NOT adequate, the device displays *ENROLLMENT PHOTO IS POOR, PLEASE WAIT*, and then displays the following recommendation messages:
 - ◇ *AVOID DIRECT SUNLIGHT*
 - ◇ *CLEAR FACE OF OBSTRUCTIONS*
 - ◇ *STAND OR SIT UP STRAIGHT*
 - ◇ *BREATH TUBE MUST BE LEVEL*
 - » With a satisfactory enrollment photograph taken, the device displays *BEGIN PRACTICE TEST*.

Note: You have the option to view the enrollment photograph on the client's *RB Results* page if you want to verify, firsthand, that the photograph is sufficient.

7. Have the client perform as many practice tests as needed (to feel comfortable with taking a valid test each time.) AMS recommends at least three practice tests.
8. To complete the enrollment process, you can either:
 - Press and hold the **Power** button for approximately 3 seconds. The device displays: *HOLD TO END ENROLLMENT -> ENROLLMENT COMPLETE -> TRANSFERRING DATA -> SHUTTING DOWN*
 - Wait for 5 minutes of inactivity, when the device shuts down automatically.

ESTABLISH TEST SCHEDULE

Navigate to the client's *RB Schedule* page to establish a testing schedule. To access this page:

1. Access the agency.
2. Click the client name on the *Caseload* page.
3. Click the **RB Schedule** tab.

Once you have accessed the *RB Schedule* page, add all single-occurrence and recurring fixed tests, and random tests using one of the options listed.

Add Single-Occurrence Fixed Test

Use pop-up window to add single-occurrence fixed test:

- a. Click the **Fixed** button.
The *Add New Fixed Schedule* pop-up window appears.
- b. Enter the hour and minute in the respective field, select the **AM** or **PM** button, and select the button for each day of the week that testing is required.
 1. Select the **Single-Occurrence** radio button.
 2. Click the **Add New Fixed Test** button.
A blue fixed test appears on the schedule for each selected day.

Add Recurring Fixed Test

Add recurring fixed test with no end date:

- a. Place the cursor over the **Fixed** button.
- b. Click and hold the left mouse button and drag and drop the fixed test item to the desired location on the schedule.

A blue fixed test appears on the schedule.

Add Random Test

Drag and drop to add a random test:

- a. Place the cursor over the **Random** button.

-
- b. Click and hold the left mouse button and drag and drop the random test item to the desired location on the schedule.

A purple, three-hour random test window appears on the schedule at the same time each week. The window can be collapsed to as small as one hour or expanded to as much as the rest of the day. The time that the device will give an audio indication to the client to take a test appears in the dark purple area. You can move that area up and down inside the window to change the test time.

SET COURTESY REMINDER

The client can elect to receive a text-message reminder on their cell phone shortly before or at the test time. A text message can also be sent for “Battery Low” and “Battery Critically Low” alerts. To activate courtesy reminders for a client:

1. Click the **Courtesy Reminder** link on the client’s *RB Schedule* page.
2. Enter the client’s cell phone number and select when the client will receive a text message.
3. Select the **Battery Low** check box.
4. Click the **Save** button.

ONGOING CLIENT MANAGEMENT

PROCESS ALERTS FROM AGENCY CASELOAD PAGE

The *Caseload* page at the agency level can be your one-stop shop for all aspects of managing a SCRAM Remote Breath client. From this page, you can:

- Process remote breath alerts

-
- Access a client's *General, Equipment* and *RB Schedule* page
 - Add a client note
 - View RMA number

To process a remote breath alert from the *Caseload* page:

1. Click the Expand (+) node.
All unresolved remote breath alerts appear.
2. Click the result link.
The client's *RB Results Details* page appears.
3. Using the information available, take necessary action to address the alert.
You also have the option of clicking the **View Location** link to view a map with the approximate location of the device when the test was performed or missed.
4. Resolve the alert.
 - a. Select the *Resolved* option in the **Status** drop-down list.
 - b. Click the **Save & Exit Console** button.
The alert status is now set to "Resolved".

PROCESS ALERTS FROM WORKLOAD RB RESULTS PAGE

Alerts that are generated while a client is being monitored using SCRAM Remote Breath are shown on the *Workload RB Results* page at the call center, agency, and agent level. To access this page:

1. Click the **Workload** tab.
2. Click the **RB Results** sub-tab.
All "New" and "In Progress" events/alerts are listed on the page.

To process an alert from the *Workload RB Results* page:

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1. Click the result link.
The *Remote Breath Result Details* page appears.
 2. Using the information available, take necessary action to address the alert.
You also have the option of clicking the **View Location** link to view a map with the approximate location of the device when the test was performed or missed.
 3. Resolve the alert.
 - a. Select the *Resolved* option in the **Status** drop-down list.
 - b. Click the **Save & Exit Console** button.
The *Workload RB Results* page reappears with the resolved alert no longer present.

PROCESS ALERTS FROM WORKLOAD ACTIVE PAGE

Several equipment-maintenance remote breath alerts may appear on the *Workload Active* page. To process these alerts:

1. Click the **Workload** tab.
The *Workload Active* page appears.
2. Click the alert link.
The *Alert Management Console* appears.
3. After taking the necessary action, click the **Comments** button.
4. Enter a comment if needed.
5. Click the **Resolve** button.
6. Click the **Exit Console** button.
The alert no longer appears on the *Workload Active* page.

REPLACE DEVICE

Complete the steps below when the client arrives with the old device. If the device is NOT on hand, click the **Stop Monitoring** button, select the *Stop monitoring now and check in equipment later* option, and complete the *Stop Monitoring Wizard* to set the status to "Awaiting Return". The device will stay in this status until:

- The device communicates with SCRAMNET and is checked in by clicking the **Move to Inventory** link on the client's *Equipment* page
- You manually set the device to the "Lost" status
- 30 days elapses

Prior to replacing the device:

1. Plug the power cord into the device being assigned and into an electrical outlet.

The **green** battery light will blink when the device is fully charged. This may take several minutes to several hours depending on how much the battery is currently charged. Fully charging a dead battery takes six hours.

To remove the old device:

1. Access the client's *Equipment* page.
2. Click the **Stop Monitoring** button to access the *Stop Monitoring Wizard* page.
3. Select the *Check in Equipment now* option and click the **Next** button.
4. Click the **Finish** button to close the wizard and return to the client's *Equipment* page.
5. Press and hold the **Power** button on the device for approximately 5 seconds until the battery light turns solid **green**.

The device transmits remaining data to SCRAMNET. The device status is set to "In Inventory" in SCRAMNET.

To assign the new device:

1. Click the **Assign Equipment** button to access the *Assign Remote Breath* wizard page.
2. Enter the device being assigned in the Serial Number field.
3. Click the **Assign** button.
4. Click the **Finish** button to close the wizard.

The client's *Equipment* page appears with the new SCRAM Remote Breath status set to "Pending Assignment".

5. Print the Participant Agreement Addendum.
6. Instruct the client to perform an initial SCRAM Remote Breath test.

- a. Press and hold the **Power** button on the device for approximately five seconds until the battery light turns solid **green**.

The device will power up and display:

*PLEASE WAIT -> CONNECTING ->
TRANSFERRING DATA -> READY FOR
ENROLLMENT -> BLOW*

- b. Firmly insert the breath tube into the breath tube port.
- c. Before the initial test, have the client:
 - » Be in a well-lit area away from direct sunlight.
 - » Remove hat, sunglasses, and any hair hanging over the face.
- d. Have the client:
 1. Stand with the back to a wall, hold the head upright, and look directly forward.
 2. Hold the device up to the mouth with the breath tube level with the floor.
 3. Take a deep breath.
 4. Blow into the breath tube at a consistent air volume.

-
5. Continue to blow until *STOP* is displayed.
At this time:
 - » The device displays *ANALYZING DATA*, communicates with SCRAMNET, then transmits the data.
 - » After a few moments, the device displays *ENROLLMENT PHOTO GOOD* or *ENROLLMENT PHOTO POOR*.
 7. Verify the quality of the photograph in SCRAMNET.
 8. To complete the enrollment process, you can either:
 - Press and hold the **Power** button for approximately five seconds until *SHUTTING DOWN* is displayed.
 - Wait for five minutes of inactivity, when the device will shut itself down.

REPLACE/CHARGE BATTERY IN DEVICE

To replace and charge the battery in the device:

1. Using the T10 torx screwdriver, remove the two screws on the battery cover and remove the cover.
2. Unplug and remove the old battery.
3. Plug the new battery in and place the battery in the compartment with the wires positioned as shown.



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4. Put the battery cover back in place and tighten the two screws.
 5. Charge the battery for at least six hours prior to first use.

INITIATE ON-DEMAND TEST

To start an on-demand test from the client's *RB Schedule* page:

1. Click the **On Demand** button.
The *Initiate On Demand Test* pop-up window appears.
2. After reading the information, click the **Send On Demand Request** button.
3. The **On Demand** button disappears and the words "On Demand Pending" appear. Within 20 minutes, the device gives the client an audio indication to take a test and the **On Demand** button reappears.

CLIENT-INITIATED TEST

If you enable client-initiated testing when you added the client in SCRAMNET, you can contact the client at any time to power up the device and perform a breath test. The results of that test will immediately be uploaded to SCRAMNET and appear on the client's *RB Results* page.

SUPERVISION MODIFICATION

CHANGE FROM CAM TO REMOTE BREATH

To change the client from SCRAM CAM to SCRAM Remote Breath monitoring:

1. Access the client's *Equipment* page.
2. Check in the assigned SCRAM CAM equipment.
3. Click the **Change Monitoring** button.

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4. The *Change Monitoring* pop-up window appears. Select the **Remote Breath** radio button to establish that this client will now use the SCRAM Remote Breath device for alcohol monitoring. The remote breath parameters appear at this time.
You can use the default Grace Period setting or customize the setting for this client. You can also elect to give the client permission to initiate their own breath tests.
 5. Click the **Save** button to close the pop-up window.

CHANGE FROM REMOTE BREATH TO CAM

To change the client from SCRAM Remote Breath to SCRAM CAM monitoring:

1. Access the client's *Equipment* page.
2. Check in the assigned SCRAM Remote Breath device.
3. Click the **Change Monitoring** button.
The *Change Monitoring* pop-up window appears.
4. Select the **CAM** radio button to establish that SCRAM CAM equipment will now be used to monitor this client.
5. Click the **Save** button to close the pop-up window.

CLOSING TASKS

CHECK IN DEVICE

Complete the steps below when the client arrives with the device. If the device is NOT on hand, click the **Stop Monitoring** button, select the *Stop monitoring now and check in equipment later* option, and complete the Stop Monitoring wizard to set the status to "Awaiting Return". The device will stay in this status until:

-
- The device communicates with SCRAMNET and is checked in by clicking the **Move to Inventory** link on the client's *Equipment* page
 - You manually set to the device to the Lost status
 - 30 days elapses
1. Access the client's *Equipment* page.
 2. Click the **Stop Monitoring** button to access the *Stop Monitoring Wizard* page.
 3. Select the *Check in Equipment now* option and click the **Next** button.
 4. Click the **Finish** button to close the wizard and return to the client's *Equipment* page.

The device status is set to "Pending Removal".

5. Press and hold the **Power** button on the device for approximately five seconds until the battery light turns solid **green**.

The device displays *PLEASE WAIT* then *TRANSFERRING DATA* while communicating with SCRAMNET to transmit any remaining data. The device then changes to *SHUTTING OFF* and turns off.

The checked-in device is no longer displayed on the client's *Equipment* page.

CLEAN/DISINFECT DEVICE

To avoid damaging SCRAM equipment, use only cleaning and disinfecting products approved by SCRAM Systems as listed below. **NEVER USE CITRUS/PINE-BASED CLEANING PRODUCTS OR ALCOHOL AND/OR ALCOHOL-CONTAINING CLEANING PRODUCTS.**

APPROVED PRODUCTS

- Sporidicin® Disinfectant (USA)
- SporeClear™ Disinfectant (outside of USA)

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- Windex® Multisurface Disinfectant Cleaner (yellow Windex)

SPORICIDIN/SPORECLEAR

Sporicidin (USA) is available to order online or from SCRAM Systems, SporeClear (outside of USA) is only available online. Both products are strongly recommended for disinfecting all SCRAM ankle bracelets. These are medical-grade disinfectants that do NOT contain alcohol and kill 100% of disease and odor-causing organisms*.

To disinfect a SCRAM bracelet using either of these products:

1. If the situation warrants, remove the faceplate and bracelet straps.
2. Spray on and allow surfaces to remain wet for 10 minutes.
3. Rinse with water or wipe surfaces.
4. Dry with a paper towel or cloth.
5. If the bracelet straps were removed, install bracelet straps and faceplate.

WINDEX

Windex Multisurface Disinfectant Cleaner (yellow Windex) is readily available at most department stores and home improvement stores. It does not contain alcohol, is approved for all SCRAM Systems products, and kills 99.9% of all germs and bacteria*. To clean device using this product, spray on and wipe off with a paper towel or cloth.

To disinfect device using this product:

1. Spray on and allow surfaces to remain wet for 10 minutes.
2. Wipe surfaces dry with a paper towel or cloth.

GENERAL INFORMATION

Handle all previously worn SCRAM ankle bracelets with gloves and a facemask prior to disinfecting.

If you feel a piece of SCRAM equipment may pose a specific health hazard, minimize the number of people who come into contact with the device and dispose of it in a sealed, plastic bag.

Contact SCRAM Systems Customer Services at 303.785.7879 or support@scramsystems.com with the serial number of the device being removed and/or decremented from your inventory. **DO NOT return the device to SCRAM Systems.**

*According to manufacturer's published claims

DEVICE CALIBRATION

CALIBRATE DEVICE

To calibrate the device:

1. Initiate calibration in SCRAMNET.
 - a. Click the **Inventory** button.
 - b. Enter the serial number and click the **Search** button.
 - c. Click the **Serial Number** link.
 - d. Click the **Initiate Calibration** button.
2. Press and hold the **Power** button on the device for approximately five seconds until the battery light turns solid **green**.

The device steps through the following displays:

*SCRAM Logo -> PLEASE WAIT -> CONNECTING
-> TRANSFERRING DATA -> SERIAL NUMBER ->
READY FOR CALIBRATION -> ATTACH EQUIPMENT
-> START FLOW OF GAS*

3. Perform device calibration.
 - a. With the regulator attached to the canister and

the air hose attached to the regulator, attach the adapter to the remote breath device.

- b. Press and hold the button on the regulator until the device displays *STOP FLOW OF GAS*.

The device steps through the following displays:

CALIBRATION SUCCESSFUL -> REMOVE EQUIPMENT -> CAL-CHECK PENDING -> PLEASE WAIT -> READY FOR CAL CHECK -> ATTACH EQUIPMENT -> START FLOW OF GAS

4. Perform calibration check.

- a. With the adapter re-attached to the remote breath device, press and hold the button on the regulator until the device displays *STOP FLOW OF GAS*.

The device steps through the following displays:

CAL-CHECK SUCCESSFUL -> CALIBRATION COMPLETE -> TRANSFERRING DATA -> SHUTTING DOWN

5. Verify that the calibration results appear on the *Device Details* page in SCRAMNET.

PERFORM CALIBRATION CHECK

To perform a device calibration check:

1. Initiate calibration check in SCRAMNET.
 - a. Click the **Inventory** button.
 - b. Enter the serial number and click the **Search** button.
 - c. Click the **Serial Number** link.
 - d. Click the **Initiate Cal-Check** button.
2. Press and hold the **Power** button on the device for approximately five seconds until the battery light turns solid **green**.

The device steps through the following displays:

*SCRAM Logo -> PLEASE WAIT -> CONNECTING
-> TRANSFERRING DATA -> SERIAL NUMBER ->
READY FOR CAL-CHECK -> ATTACH EQUIPMENT
-> START FLOW OF GAS*

3. Perform calibration check.
 - a. With the regulator attached to the canister and the air hose attached to the regulator, attach the adapter to the remote breath device.
 - b. Press and hold the button on the regulator until the device displays *STOP FLOW OF GAS*.
The device steps through the following displays:
CAL-CHECK SUCCESSFUL -> REMOVE EQUIPMENT -> CAL-CHECK COMPLETE -> TRANSFERRING DATA -> SHUTTING DOWN
4. Verify that the calibration check results appear on the *Device Details* page in SCRAMNET.

PERFORM AIR BLANK TEST

To perform an air-blank test:

1. Initiate air-blank test in SCRAMNET.
 - a. Click the **Inventory** button.
 - b. Enter the serial number and click the **Search** button.
 - c. Click the **Serial Number** link.
 - d. Click the **Initiate Air-Blank** button.
2. Press and hold the **Power** button on the device for approximately five seconds until the battery light turns solid **green**.
With no further action on your part, the device steps through the following displays:
SCRAM Logo -> PLEASE WAIT -> CONNECTING -> TRANSFERRING DATA -> SHUTTING DOWN
3. Verify that the air-blank test results appear on the *Device Details* page in SCRAMNET.

ALERTS AND EVENTS

TEST RESULTS EVENTS/ALERTS

The following test results events/alerts will appear on the *Workload RB Results* page.

Test Results Event/Alert	Description
Missed Test	Generated when a client does not take a scheduled or on-demand test within the allowed grace period.
Incomplete Test	Generated when a client attempts to provide a valid sample but is not successful.
Failed Test - Missed Confirmation	Generated when a client provides a positive test then does NOT provide a confirmation test.
Failed Test - Incomplete Confirmation	Generated when a client provides a positive test then provides an incomplete confirmation test.
Failed Test - Abnormal Confirmation	Generated when a confirmation test is NOT within +/- .020 of a first positive test.
Failed Test	Generated when a client provides an initial test and confirmation test that are above the acceptable threshold. Highest BrAC level will be displayed in SCRAMNET.
AFI Pending Review	Generated when SCRAMNET receives a test with a passed BrAC level but the facial recognition does not match.
Schedule Test Not Received	Generated when SCRAMNET does NOT receive a test result within 90 minutes of the scheduled test time.
Passed Test	Generated when a client provides a valid sample that is below the acceptable threshold.

COMMUNICATION ALERT

The following communication alert will appear on the *Workload RB Results* page.

Communication Alert	Description
Extended Missed Communication	Generated when a device does not communicate with SCRAMNET for 24 hours.

EQUIPMENT ALERTS

The first three alerts below appear on the *Workload RB Results* page. The Replace Device Alert appears on the *Workload Active* page.

Equipment Alert	Description
Device Battery Charging	Generated when a SCRAM Remote Breath device is plugged in and charging.
Device Battery Low	Generated when the battery in a device is at a level that requires it to be charged.
Device Battery Critically Low	Generated when the battery in a device falls below a critical charge level.
Device Housing Breach	Generated when the battery door on a device is opened and a battery is installed or removed.
Replace Device	Generated when a device fails a diagnostic test or an RMA number is generated for a device.

ASSIGNMENT ALERTS

The following assignment alerts will appear on the *Workload Active* page.

Assignment Alert	Description
Equipment Awaiting Return	Generated when a device is in the "Awaiting Return" status for at least three days.
Extended Pending Assignment	Generated when a device remains in the "Pending Assignment" status for more than 24 hours.
Pending Removal - Remote Breath	Generated when a device remains in the "Pending Removal" status for more than 24 hours.
Enrollment Incomplete	Generated when one or more of the following criteria are not met within four hours of an assignment. <ul style="list-style-type: none">• Client-specific settings sent• Cell unit has been activated• Baseline client photo received• SCRAMNET receives first BrAC reading

SCHEDULED ALERTS

The following scheduled alerts will appear on the *Workload Active* page.

Scheduled Maintenance Alert	Description
Replace Battery	Generated when the rechargeable battery is no longer able to hold a charge.
Calibration Required	Generated 10 days before the device calibration due date.
Device Calibration Past Due	Generated on the device calibration due date. Each test performed after the due date will be added to this alert.

TROUBLESHOOTING

GENERAL

Issue	Indication	Recommended Action
Unable to Connect	Indicates that the device is unable to connect with SCRAMNET; normally due to no wireless network connection.	Move to another location to establish a wireless network connection. Attempt to connect with SCRAMNET using Ethernet. If you do NOT need the test results immediately, no action is required. Device should upload all stored data when a connection is established.
Connection Lost	Indicates that the connection between the device and SCRAMNET has been interrupted; normally due to a loss in the wireless network connection.	Move to another location to re-establish a wireless network connection. Attempt to connect with SCRAMNET using Ethernet. If you do NOT need the test results immediately, no action is required. Device should upload all stored data when a connection is established.

ENROLLMENT

Issue	Indication	Recommended Action
Enrollment Photo is Poor	Indicates that the enrollment photograph does NOT meet the quality and facial confidence score threshold. Two retests are allowed. If the two retests do NOT pass, the highest-quality photograph will be used.	Follow recommendations displayed on device: <ul style="list-style-type: none">• Avoid direct sunlight• Clear face of obstructions• Stand or sit up straight• Breath tube must be level
Practice Photo is Poor	Indicates that the practice photograph does NOT match the enrollment photograph.	Follow recommendations displayed on device: <ul style="list-style-type: none">• Avoid direct sunlight• Clear face of obstructions• Stand or sit up straight• Breath tube must be level

NORMAL OPERATION

Issue	Indication	Recommended Action
Retest Required (AFI Fail)	Indicates that the photograph taken while performing the breath test does NOT meet the quality and facial confidence score threshold.	Follow recommendations displayed on device: <ul style="list-style-type: none">• Avoid direct sunlight• Clear face of obstructions• Stand or sit up straight• Breath tube must be level

Issue	Indication	Recommended Action
Retest Required (BrAC Fail)	Indicates that the BrAC level in the breath sample is above the established threshold.	Test again when the device counts down to zero and displays <i>BLOW</i> .

CALIBRATION/CALIBRATION CHECK

Issue	Indication	Recommended Action
Calibration Failed	Indicates that the calibration or calibration check does NOT meet specifications.	Follow recommendations displayed on device: <ul style="list-style-type: none"> • Avoid direct sunlight • Clear face of obstructions • Stand or sit up straight • Breath tube must be level
Cal-Check Failed	Indicates that the BrAC level in the breath sample is above the established threshold.	Follow recommendations displayed on device: <ul style="list-style-type: none"> • Check hose connections • Ensure that adapter is secure • Check the tank pressure
Device Timed Out	Indicates that the device is unable to connect with SCRAMNET or did NOT detect gas for 15 minutes after being turned on.	Find a location with improved cellular service and re-initiate calibration/calibration check.

PRODUCT SPECIFICATIONS

GENERAL INFORMATION

Operating Temperature Range:	32-122F (0-50C)
Recommended Storage Temperature Range:	32-122F (0-50C)
Measurement Range:	0.000 – 0.400 BrAC
Breath Sample Volume:	1.5L
Accuracy:	+/-0.005 up to 0.100 BrAC +/-5% from 0.100 to 0.400 BrAC
Alcohol Sensor:	Proven Fuel Cell Technology
Automated Facial Intelligence (AFI):	Proprietary 1-to-1 facial template matching
Battery:	Rechargeable Lithium Ion
Input Power:	10VDC @ 930 mA (9.3 W max)
Best results are obtained with no more than +/- 15 degrees head roll, pitch, or yaw; neutral face expression; no sunglasses or heavy-framed glasses; and no hair in the face.	

DEVICE CALIBRATION REQUIREMENTS

Calibration must be performed by an AMS-certified calibration technician.
Devices are calibrated externally using a DOT standard 0.100 BAC dry gas that is included on the NHTSA Conforming Products List of Calibrating Units for Breath Alcohol Testers.
The device contains sensors that automatically compensate for environmental conditions such as temperature and altitude.
AMS recommends calibration at least once every 12 months or if the device fails a field calibration check. However, customers may want to calibrate more frequently based on their own internal policies, state laws, or local court/agency policies.
Calibration intervals can be set in SCRAM _{NET} for notification when calibration is due.
All devices will be calibrated by the manufacturer before the original shipment of the device or after the device has been repaired.
The manufacturer will perform a calibration internally utilizing DOT standard 0.100 BAC dry gas.

MAINTENANCE, INSPECTION, AND DEVICE RETURN CONDITIONS

The device conducts a series of diagnostic checks each time it is powered up. If the device fails a diagnostic check, the device should be removed from service and returned to the manufacturer for maintenance.
The device should be removed from service and returned to the manufacturer if the device fails to calibrate to the established specifications.
The device should be removed from service and returned to the manufacturer if requested by an authorized AMS representative.
A physical inspection of the device should be conducted before testing by the device operator to ensure there are no signs of damage.
Repairs to the device should only be conducted by trained AMS technicians.

CALIBRATION CHECK REQUIREMENTS

Calibration checks must be performed by an AMS-certified calibration technician.
Perform calibration check between user assignments.
Perform calibration check using DOT standard 0.100 BAC dry gas.
Calibration check must be within ± 0.005 BAC of the 0.100 alcohol standard utilized.

SAFETY AND HANDLING INSTRUCTIONS

Silencing Device:	Pressing the Mute button to silence the device. The Red light will continue to blink while the device is silenced.
Carrying and Handling Device:	The device should always be transported in the carrying case.
Water and Wet Locations:	The device should not be exposed to water.

NOTES



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