SCRAM®

REMOTE BREATH PRO

SCRAM Remote Breath Pro

Quick Reference Guide

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

Patents: www.scrampatents.com

Intended Use

The SCRAM Remote Breath Pro 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. The battery is **not** consumer-replaceable and should not be removed.

To recharge use only the provided SCRAM RB Pro charger.

Regulatory Information - English

United States

AT&T SCRAM Remote Breath Pro Model – RB200 FCC ID P8M-RB200	Verizon SCRAM Remote Breath Pro Model – RB210 FCC ID P8M-RB200

The AT&T and Verizon SCRAM Remote Breath Pro devices comply with part 15.105 of the FCC Rules and/or part 68 of the FCC Rules. Operation of these devices is subject to the following two conditions:

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

Changes or modifications to these devices 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 4W/kg. SAR values at or below that limit are considered safe for the general public. Refer to the Assign SCRAM Remote Breath Pro Device, Replace SCRAM Remote Breath Pro Device, and Check In SCRAM Remote Breath Pro Device sections for more information on when the device is transmitting.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Canada

AT&T SCRAM Remote Breath Pro PMN - RB200 Model / HVIN - RB-200 IC:8549A-RB200	Verizon SCRAM Remote Breath Pro PMN - RB200 Model /HVIN - RB-210 IC:8549A-RB200

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
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 4W/kg. SAR values at or below that limit are considered safe for the general public.

Información Reglamentaria - Español

Estados Unidos

AT&T SCRAM Remote Breath Pro Modelo RB200 FCC ID P8M-RB200	Verizon SCRAM Remote Breath Pro Modelo RB210 FCC ID P8M-RB200

Este aparato cumple con la parte 15.105 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 modifi caciones a este aparato no aprobados expresamente por los Sistemas SCRAM podrían anular la autoridad del usuario para operar el equipo.

ADVERTENCIA: Las antenas, modifi caciones 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.

Información Reglamentaria - Español continuado

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 Específi ca, o SAR. El límite de la SAR establecida por la FCC es de 4W/kg. Los valores de la SAR en o por debajo de ese límite se consideran seguros para el público general. Consulte las secciones Asignar el Aparato de Aliento Remoto Pro SCRAM, Reemplazar el Aparato de Aliento Remoto Pro SCRAM y Verifi car el Aparato de Aliento Remoto Pro SCRAM para obtener más información acerca de cuándo el dispositivo está transmitiendo.

Este equipo ha sido probado y se ha comprobado que cumple con los límites para un dispositivo digital de Clase B, de conformidad con la parte 15 de las Reglas de la FCC. Estos límites están diseñados para proporcionar una protección razonable contra interferencias perjudiciales en una instalación residencial. Este equipo genera, utiliza y puede irradiar energía de radiofrecuencia y, si no se instala y utiliza de acuerdo con las instrucciones, puede causar interferencias perjudiciales a las comunicaciones de radio. Sin embargo, no hay garantía de que no se produzcan interferencias en una instalación en particular. Si este equipo causa interferencias perjudiciales en la recepción de radio o televisión, que se pueden determinar apagando y encendiendo el equipo, se recomienda al usuario que intente corregir la interferencia mediante una o más de las siguientes medidas:

- Reorientar o reubicar la antena receptora.
- Aumentar la separación entre el equipo y el receptor.
- Conecte el equipo a una toma de corriente en un circuito diferente al que está conectado el receptor.
- Consulte al distribuidor o a un técnico experimentado de radio / TV para obtener ayuda.

Canadá

AT&T SCRAM Remote Breath Pro PMN - RB200 Model / HVIN - RB-200 IC:8549A-RB200	Verizon SCRAM Remote Breath Pro PMN - RB200 Model / HVIN - RB-200 IC:8549A-RB200

Este dispositivo contiene transmisor(es)/receptor(es) exento(s) de licencia que cumplen con los RSS exentos de licencia de Innovación, Ciencia y Desarrollo Económico de Canadá. La operación está sujeta a las dos condiciones siguientes:

1. Este dispositivo no puede causar interferencias.
2. Este dispositivo debe aceptar cualquier interferencia, incluida la interferencia que pueda causar un funcionamiento no deseado del dispositivo.

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 eguridad 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 Específi ca, o SAR. El límite de la SAR establecida por la IC es de 4W/kg. Los valores de la SAR en o por debajo de ese límite se consideran seguros para el público general.

Informations Réglementaires - Français

États-Unis

AT&T SCRAM Remote Breath Pro Modèle RB200 ID FCC P8M-RB200	Verizon SCRAM Remote Breath Pro Modèle RB210 ID FCC P8M-RB200

Cet appareil est conforme à l'article 15.105 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 modifi cations 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 émetteurrécepteur 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 afi n 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 fi l utilise une unité de mesure connue sous le nom de Débit d'absorption spécifi que ou DAS. La limite du DAS défi nie par la FCC est de 4W/kg. Les valeurs du DAS en dessous de cette limite sont considérées comme étant sans danger pour le grand public.

Reportezvous aux sections Assign Remote Breath Pro Device (Attribution du dispositif d'haleine à distance SCRAM), Replace SCRAM Remote Breath Pro Device (Remplacement du dispositif d'haleine à distance SCRAM) et Check In SCRAM Remote Breath Pro Device (Enregistrement du dispositif d'haleine à distance SCRAM) pour de plus amples informations lorsque l'appareil est en émission.

Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règles de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut causer des interférences nuisibles aux communications radio. Cependant, il n'y a aucune garantie que des interférences ne se produiront pas dans une installation particulière. Si cet équipement cause des interférences nuisibles à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en allumant l'équipement, l'utilisateur est encouragé à essayer de corriger les interférences par une ou plusieurs des mesures suivantes:

- Réorientez ou déplacez l'antenne de réception.
- Augmenter la séparation entre l'équipement et le récepteur.
- Connectez l'équipement à une prise sur un circuit différent de celui auquel le récepteur est connecté.
- Consultez le concessionnaire ou un technicien radio/TV expérimenté pour obtenir de l'aide.

Informations Réglementaires - Français suite

Canada

AT&T SCRAM Remote Breath Pro PMN - RB200 Model / HVIN - RB-200 IC:8549A-RB200	Verizon SCRAM Remote Breath Pro PMN - RB200 Model / HVIN - RB-200 IC:8549A-RB200

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Des antennes non autorisées, des modifi cations 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 fi l utilise une unité de mesure connue sous le nom de Débit d'absorption spécifi que ou DAS. La limite du DAS défi nie par IC est de 4W/kg. Les valeurs du DAS en dessous de cette limite sont considérées comme étant sans danger pour le grand public.

24/7 Customer Service
Phone: (303) 785-7879
E-mail: support@scramsystems.com

Alcohol Monitoring Systems, Inc.
1241 W Mineral Ave
Littleton, CO 80120

Table of Contents

Introduction

SCRAM Remote Breath Pro (RB Pro) provides handheld, portable breath alcohol monitoring with options for scheduled, random, on-demand, and client-initiated testing for low-risk clients or those who have earned less intensive testing and monitoring.

Additional features include:

- Cellular communication
- Proven fuel cell technology
- Client text message reminders and notifications

Glossary of Terms

Automated Facial Intelligence (AFI): Technology used to compare photographs taken during a 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 testing event occurring at any point in time during the test window.

Device Functions

Light Indicators

- **Green** - Active Device
- **Blue** - Data signal connectivity
- **Red** - Alert

Buttons

- Top button - Increase
- Middle button - Decrease
- Bottom button - Power on/Wake up/Select

Client Setup and Device Assignment

Getting Started

Scan the QR code or visit https://help.scramnetwork.com/documentation/remote-breath/getting-started/ for detailed instructions. (SCRAMNET login required)

1. Add the new client in SCRAMNET.
2. Complete the device assignment and client enrollment.
3. Print two copies of the SCRAM Client Participant Agreement contract and have the client sign both copies.
4. Establish the client's breath test schedule.
5. Setup client Courtesy Reminders.
6. Provide the client with the device and instructions for use.

Client Management

Alert Management

Scan the QR code or visit https://help.scramnetwork.com/documentation/remote-breath/client-management/ for detailed instructions. (SCRAMNET login required)

1. Access the *Alert Management Console*.
2. Evaluate the alert information.
3. Select the alert disposition.
4. Add a note.
5. Resolve the alert.

Send an On-Demand Breath Test

1. Access the client's **RB Schedule** page.
2. Select the **On-Demand** button.
3. On the *On Demand Test* pop-up window, select the **Send On-Demand Request** button.

The On-Demand button on the RB Schedule page updates to "**On-Demand Pending**." Within 20 minutes, the device will prompt the client to take a test.

Client Initiated (Voluntary) Test

When enabled for the client in SCRAMNET, the client is able to "wake up" the device and select the "Test" option from the RB Pro menu. Once the client completes the test, the result of that test will immediately be uploaded to SCRAMNET and appear on the client's RB Results page.

Equipment Replacement

Scan the QR code or visit https://help.scramnetwork.com/documentation/remote-breath/equipment-management/ for detailed instructions. (SCRAMNET login required)

1. Access the client's **Equipment** page in SCRAMNET.
2. Select the **Stop Monitoring** button and complete the wizard to check-in the old device.
3. Wake up the old device being replaced.
4. Once the screen on the device displays "*Device Unassigned*," refresh the **Equipment** page. The old device is no longer visible on the page.
5. Select the **Assign Equipment** button, and assign the new device.
6. Complete the client assignment and enrollment process.
7. Print two copies of the *Participant Agreement Addendum* and have the client sign both copies.

Client Discharge

Check-in Device

Scan the QR code or visit https://help.scramnetwork.com/documentation/remote-breath/client-discharge/ for detailed instructions. (SCRAMNET login required)

1. Access the client's **Equipment** page in SCRAMNET.
2. Select the **Stop Monitoring** button and complete the wizard to check-in the old device.
3. Wake up the old device being replaced.
4. Once the screen on the device displays "*Device Unassigned*," refresh the **Equipment** page. The old device is no longer visible on the page.

Clean and Disinfect the 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

- Sporicidin® Disinfectant (USA)
- SporeClear™ Disinfectant (outside of USA)
- Windex® Multi surface Disinfectant Cleaner (yellow Windex)

To disinfect a SCRAM Remote Breath Pro device using any of these products:

1. Spray SCRAM-approved alcohol-free disinfectant (see previous page) onto a cloth and wipe the entire device down, including the device's power supply. Allow the solution to sit on the device for 10-15 minutes before wiping it dry.
2. Spray alcohol-free disinfectant onto a cloth and gently work the cloth into the breath-tube interface to disinfect and remove any additional condensation that may be present.
3. Discard any used carrying cases and breath tubes that are returned by the client. New cases and breath tubes are in stock and available to order directly from SCRAM Systems.

Biohazard Disposal Information

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 follow your individual state and or local laws for disposal of biohazard materials or devices containing L-ion or Li-polymer batteries.

Contact SCRAM Systems Customer Service 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.

Device Calibration

To ensure accurate readings, the SCRAM Remote Breath Pro breath-alcohol testing device must be calibrated at least once every 12 months. Alcohol Monitoring Systems, Inc. (d/b/a "SCRAM Systems") will not endorse the breath alcohol test results of a device that was not calibrated at least 12 months prior to the date of a given test result.

Calibrating the SCRAM Remote Breath Pro (RB Pro) device is a simple process that takes just a few minutes to complete. Components needed to calibrate a device include:

- Gas Canister
- Regulator
- Rubber Tubing
- RB Pro Breath Tube

Calibrations and calibration checks must be performed by an AMS-certified calibration technician. To become certified, send an e-mail to training@scramsystems.com requesting enrollment in the SCRAM Remote Breath Calibration Certification Training course.

Calibrate Device

Scan the QR code or visit https://help.scramnetwork.com/documentation/remote-breath/equipment-management/ for detailed instructions. (SCRAMNET login required)

1. Ensure the calibration equipment is in good working order and the canister has an adequate gas level to complete the calibration and a calibration check.
2. In SCRAMNET, select the **Inventory** button and search for the device's serial number using the filters.

3. Select the serial number hyperlink.
4. Select the **Initiate Calibration** button.
5. Wake up/power up the device and follow all on screen prompts.
6. Verify the calibration and calibration check results appear on the **Device Details** page in SCRAMNET for the device.

Perform a Calibration Check

1. Ensure the calibration equipment is in good working order and the canister has an adequate gas level to complete the calibration check.
2. In SCRAMNET, select the **Inventory** button and search for the device's serial number using the filters.
3. Select the serial number hyperlink.
4. Select the **Calibration Check** button.
5. Wake up/power up the device and follow all on screen prompts.
6. Verify the calibration check results appear on the **Device Details** page in SCRAMNET for the device.

Perform Air-Blank Test

1. In SCRAMNET, select the **Inventory** button and search for the device's serial number using the filters.
2. Select the serial number hyperlink.
3. Select the **Initiate Air-Blank** button.
4. Wake up the device. No further action is required on your part. The device will step through the air-blank test process itself.
5. Verify the Air-Blank test results appear on the **Device Details** page in SCRAMNET for the device.

Alerts and Events

Test Results Events/Alerts

The following test result-related events/alerts will appear on the RB Results page in SCRAMNET.

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.
Scheduled Test Not Received	Generated when SCRAMNET does NOT receive a test result within 90 minutes of the scheduled test time.
Non Alert Test Result	Generated when partial data is received for a breath test in SCRAMNET. Once all data is received, the alert disposition will be updated. This event is only visible on the client's RB Results page.
Passed Test	Generated when a client provides a valid sample that is below the acceptable threshold. This event is only visible on the client's RB Results page.

Communication Alert

The following communication alert will appear on the 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 four alerts below appear on the RB Results page. The Replace Device Alert appears on the Active Workload page.

Equipment Alert	Description
Device Battery Charging	Generated when a SCRAM Remote Breath Pro 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 device's case is compromised or the SIM card door on a device is opened.
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 Active Workload and RB Results pages.

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: • 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 Active Workload page.

Scheduled Maintenance Alert	Description
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	The device is unable to connect with SCRAMNET; normally due to no cellular network connection.	Move to another location to establish a cellular network connection. If you do NOT need the test results immediately, no action is required. Device should upload all stored data when a connection is re-established.
Connection Lost	The connection between the device and SCRAMNET has been interrupted; normally due to a loss in the cellular network connection.	Move to another location to re-establish a cellular network connection. If you do NOT need the test results immediately, no action is required. Device should upload all stored data when a connection is re-established.

Enrollment

Issue	Indication	Recommended Action
Enrollment Photo is Poor	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: • Avoid direct sunlight • Clear face of obstructions • Stand or sit up straight • Breath tube must be level
Practice Photo is Poor	The practice photograph does NOT match the enrollment photograph.	Follow recommendations displayed on device: • 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)	The photograph taken while performing the breath test does NOT meet the quality and facial confidence score threshold.	Follow recommendations displayed on device: • Avoid direct sunlight • Clear face of obstructions • Stand or sit up straight • Breath tube must be level
Retest Required (BrAC Fail)	The BrAC level in the breath sample is above the established threshold.	The client should test again when the device counts down to zero and displays BLOW.

Calibration/Calibration Check

Issue	Indication	Recommended Action
Calibration Failed	The calibration or calibration check does NOT meet specifications.	Follow recommendations displayed on device: • Check rubber tubing connections • Ensure breath tube connection to the device is secure • Check the canister pressure
Cal-Check Failed	The calibration check does NOT meet specifications.	Follow recommendations displayed on device: • Check rubber tubing connections • Ensure the breath tube connection to the device is secure • Check the canister pressure
Device Timed Out	The device did NOT detect gas for 15 minutes after being turned on.	Re-initiate the Calibration/ Calibration Check in SCRAMNET and begin the flow of gas from the calibration canister within 15 minutes of initiation.
Device message still reads "Start Flow of Gas" even when the regulator button is held down.	The device is not detecting the flow of gas.	Ensure there is adequate gas pressure to complete a calibration or cal-check. Ensure the correct regulator is being used. The RB Pro regulator delivers 4L of as per minute.

Product Specifications

General Information

Product Use:	Indoor use only
Operating Temperature Range:	32-122F (0-50C)
Recommended Storage Temperature Range:	32-122F (0-50C)
Relative Humidity Range:	0%-80%
Polluction Degree:	Degree 2; Normal
Altitude:	For use up to 14,000 ft.
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:	5VDC @ 2.0A, 10.0 W (0.4A max)
Charger:	5.0V / 2.0A USB-C Plug
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.	

Maintenance, Inspection, and Device Return Conditions

- The device conducts a series of diagnostic checks each time it wakes 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 technitions.

Device Calibration Requirements

1. Calibration must be performed by an AMS-certified calibration technician.
2. 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.
3. The device contains sensors that automatically compensate for environmental conditions such as temperature and altitude.
4. 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.
5. Calibration intervals can be set in SCRAMnet for notification when calibration is due.
6. All devices will be calibrated by the manufacturer utilizing DOT standard 0.100 BAC dry gas before the original shipment of the device or after the device has been repaired.

Device Calibration Check Requirements

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

Safety and Handling Instructions

Silencing Device: Access the volume controls through the menu. When the volume is turned all the way down, the device will vibrate when a breath test or charging is required.

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.

24/7 Customer Service

Phone: (303) 785-7879
E-mail: support@scramsystems.com

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Notes

Alcohol Monitoring Systems, Inc.