TECHNIMOUNT
EMS®

BRACKET PRO SERIE® 310 – FL

USER MANUAL

AIRPLANES/ROTOCRAFTS
FAA
14 CFR
TECHNIMOUNT ENGINEERING

SAFETY AND FLEXIBILITY
WHERE IT MATTERS MOST

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For any issues with your Technimount product, its components, or for any technical questions during the installation, operation, or maintenance, please contact Technical Support at techsupport@technimount.com.

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Table of Contents

1. General Mentions and Considerations

This user manual includes detailed product information, standards and guidelines to assist the administrator/ manager/supervisor and biomedical technician (or equivalent) with the unpacking, assembling (when indicated), maintenance, training and skills assessment of the EMS and clinical personnel , as well as specific user-related information to safely and effectively operate the Bracket Pro Serie 310 – FL (hereinafter called BP310 – FL).

Please read the user manual thoroughly to fully assess, comprehend, then relay its content to EMS and clinical personnel during training, to warn them of any potential danger of its abuse, how to safely use the product and provide a safe environment for patients as well as themselves. Your established internal protocols should be updated to include the Technimount product(s) standards, guidelines, requirements and safety recommendations included within this documentation. The user manual should remain available to users when needed and relayed if the product is subsequently sold.

NOTE : Technimount continually seeks advancements in product design and quality. While the user manual contains the most updated product information available at the time of printing, it may contain minor differences from the current version, including image references. For more information, please contact Technical Support at techsupport@technimount.com.

NOTE : Technimount reserves the right to change part numbers and products without notice. Please contact Customer Service at customerservice@technimount.com to ensure product options and availability.

1.1. Intended Use

The BP310 – FL is designed to aid trained EMS and clinical personnel secure and transport the AeroNOx 2.0 Nitric Oxide Delivery System, during air and ground emergency medical services and critical care transport.

1.2. User Competency

To safely operate the BP310 – FL, the personnel must have the required skill level, taking in account the skill level that is necessary to comply with their function and level of interaction with the mounting bracket. Training should be given to EMS and clinical personnel prior to them using the BP310 – FL. Refer to the « Skills Assessment of the EMS and Clinical Personnel » section on page 25 to evaluate their competency.

Indicates who the content is intended for and the level of competency required. The definitions of the three (3) levels of competency are specified below.

- **Proficient (trained EMS and clinical personnel):** Has received the required training, is sufficiently knowledgeable to safely operate the product and have passed the skills assessment (refer to the « Skills Assessment of the EMS and Clinical Personnel » section on page 25).

  NOTE : Any member of the EMS and clinical personnel who has not received the required training and lacks the knowledge needed to safely operate the mounting bracket must not use the product.

- **Expert (administrator/manager/supervisor):** Has in-depth knowledge and product comprehension, and is familiar with standards and guidelines. Skilled to train the EMS and clinical personnel on how to safely use the product.
- **Advanced (biomedical technician or equivalent):** Has extensive mechanical experience. Skilled to perform the unpacking, assembly, safety checks and condition-based maintenance procedures as detailed herein, or the basic troubleshooting, upgrade and/or replacement procedures if applicable.

1.3. Warranties

1.3.1. Warranty Policy

This statement constitutes Technimount's entire warranty policy with regards to Technimount products. Technimount makes no other warranty or representation, neither expressed nor implied, except as stated herein. There is no warranty of merchantability or warranty of fitness for any particular purpose. Under no circumstances will Technimount be held liable hereunder for incidental or consequential damages, arising from or in any manner, related to sales or use of any such product.

Technimount E.M.S. Holding Inc. guarantees to the original "Purchaser" of the "Product" with which this "Limited warranty" is included, that the product will be free from "Defects" in workmanship and materials under normal use for a "Warranty period" of one (1) year from the product purchase date by the purchaser. During the warranty period, the product will be repaired or replaced according to the "Limited warranty" without charge to the purchaser for parts or labor. The parts and product may be repaired or replaced with new or refurbished parts or products. Herein this Limited Warranty, "Refurbished" means parts and products which have been returned to the factory, specifically. If the product is repaired or replaced within the warranty period, the greater of the remaining warranty period will apply, or three (3) months from the date of repair or replacement. If the product is repaired or replaced after the warranty period has expired, the warranty period for the repair or replacement will expire three (3) months after the repair or replacement date.

1.3.2. Limited Warranty

Technimount products are intended to secure in place medical devices only in the case of a single crash impact, or a single emergency landing, and must thereafter be immediately replaced. If the end user uses a Technimount product following a crash impact or emergency landing, it is at the end user's own risk, and Technimount will not be held liable.

The limited warranty does not apply to normal wear that could result from normal use. It does not apply when the product or any of its components have been disassembled or repaired by someone not authorized by "Technimount". It does not cover repair or the replacement of any product or part thereof damaged by neglect, misuse, moisture, liquids, exposure to heat, accidents, abuse, and non-compliance with the instructions for installation and use provided with the product. It does not cover physical damage to the surface of the product. The decision to repair, replace or refuse the coverage is final and at the sole discretion of Technimount, without any compensation or obligation from Technimount. The product, defined as a "mounting bracket" or "bracket", is specifically designed to secure and transport the AeroNOx 2.0 Nitric Oxide Delivery System, and should only be used to fulfill this requirement. Any other use will void the warranty and Technimount shall not be held liable on any claim if the product has been modified or adapted for use.

1.3.3. International Warranty Clause

This warranty abides by the Canadian domestic policy. Warranty outside Canada may vary by country. Please contact Customer Service at customerservice@technimount.com for more information.

1.3.4. User Liability

The purchaser and administrator are responsible to validate regulations and standards for safety in their region, to comply with applicable safety regulations. Technimount is not responsible to inform the purchaser or the administrator of any applicable legislation for safety in their area.

The administrator is responsible for providing proper training to any personnel who will install, operate and perform maintenance on Technimount products.

1.4. Claims

1.4.1. Damaged or Defective Merchandise

ICC Regulations require that claims for damaged merchandise must be made with the carrier within fifteen (15) days of the reception date. **Do not** accept damaged merchandise unless such damage is noted on the delivery receipt at the time of reception. Upon prompt notification, Technimount will file a freight claim with the appropriate carrier for damages incurred. Claims are limited in amount to the actual replacement cost. If the claim has not been received by Technimount within the fifteen (15) day period following the date of delivery, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for the full payment of the original invoice.

Claims for any short or broken merchandise must be made within thirty (30) days of invoicing. For details, refer to the claim process or contact Customer Service at customerservice@technimount.com.

1.4.2. Return Policy

Technimount products may be returned up to sixty (60) days from the reception date, if:

- The received product does not match what was originally ordered.
- The product does not meet the Technimount technical sheet specifications.
- The product is not compatible with the system on which it was intended to be installed on.

To return a Technimount product,

- A Return of Merchandise Authorized (RMA) must be requested and approved by Technimount prior to returning the product.
- Products must be returned undamaged and in its original packaging, appropriately identified with the approved RMA number. Returns will not be approved on a modified or damaged item.
- Charges may apply if the package received is damaged or items are missing.
- Purchaser is responsible for a restocking fee (refer to « Table 1: Restocking fees » on page 8).

Table 1: Restocking fees

RESTOCKING FEES	
Prior to thirty (30) days	10%
Prior to forty-five (45) days	25%
Prior to sixty (60) days	30%

For any manufacturing defect, refer to the conditions within the warranty policy or contact Customer Service at customerservice@technimount.com for additional information.

1.4.3. Return of Material Authorization (RMA)

The Technimount Customer Service department is responsible for all merchandise returns and will provide a Return of Merchandise Authorization (RMA) number, upon approval. The RMA must be printed and placed on the returned merchandise. Technimount reserves the right to charge shipping and restocking fees (refer to « Table 1: Restocking fees ») for the returned items. Special, modified, or discontinued items are not subject to returns.

1.4.4. Claim Process

Upon reception of the returned merchandise, a thorough inspection will be performed. If the merchandise is compliant with the return policy or it is found that the product is defective, Technimount will take corrective actions and close the claim. If, however, it is found that the product is not defective, but rather misused or abused, the product will not be covered by the warranty. Details of our findings and conclusions will be provided shortly thereafter. To submit a claim, contact Customer Service at customerservice@technimount.com to obtain a Return of Material Authorization (RMA) form and return instructions.

2. General Safety Guidelines

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Pictograms, safety symbols and labels are used to alert the user to a potentially hazardous situation, which, if not avoided, may endanger the patients or the EMS and clinical personnel, and/or damage the product. This includes the special care necessary for the safe and effective use of the Technimount product to avoid damage that may occur from use or misuse.

The terms "Warning" and "Caution" herein carry special meaning and should be carefully reviewed before reading the « Safety Measures » section on page 11.

WARNING – Indicates a hazardous situation that, if not avoided, could result in death or serious injury, and/or damage the product.

CAUTION – Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury, and/or damage the product.

2.1. Symbols and Definitions

WARNING – Risk of Injury

Indicates when a misuse of the Technimount product could result in injuries to the patients or EMS and clinical personnel, and/or damage to the product.

CAUTION – Safe Practice

Alerts the reader to pay special attention to the recommendations and methods outlining how to safely operate the product to minimize risks to the patients, EMS and clinical personnel, and/or to the product.

CAUTION – Safe Handling and Operation

Alerts the reader to pay special attention to the recommendations for safe use of the product, and of potentially hazardous situations that could result in minor injuries to the patients or EMS and clinical personnel. This includes the special care necessary for the safe and effective use of the product to avoid damage that may occur from use or misuse.

CAUTION – Safe Working Load (SWL)/Load Balance

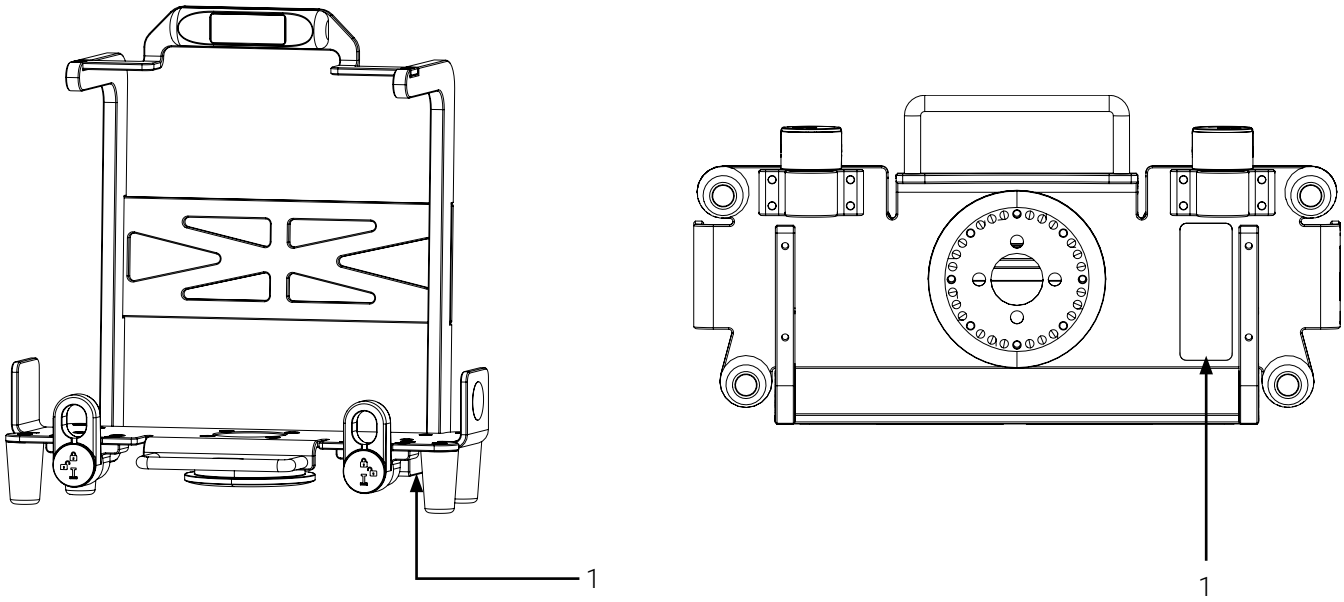
Indicates the maximum charge for a safe use of the product.

CAUTION – Follow Instructions for Use

Call for action. Reminds the reader to consult the user manual for information.

2.2. Labels

Labelling on the surface of the Technimount product, quickly identify potential risks and provides information to the user. A manufacturing label, including the serial number and safe working load specification (Figure 1), can be seen on the Technimount product.



1. Manufacturing label

Figure 1: Location of the manufacturing label

2.3. Safety Measures

Carefully read all the safety measures herein before operating the Technimount product, and always abide by all the safety guidelines identified within this document.

Specific safety measures relating to the safety checks and the conditioned-based maintenance, intended for personnel who have an advanced level of competency, can be found in the « Maintenance » section on page 28.

WARNING – Risk of Injury

- **Do not** use the BP310 – FL if there are any loose or missing screws, to prevent undue risk to the medical device, to the patients, and to the EMS and clinical personnel.
- Always use the BP310 – FL as it was intended, using only the compatible mounting systems and medical device. Improper use of the mounting bracket may cause unpredictable functioning resulting in injury to the patients or to the EMS and clinical personnel. Refer to the « Technical Specifications » section on page 13 for compatibilities.
- Immediately stop using the BP310 – FL if any serious incident occurs, contact the Technical Support at technicalsupport@technimount.com for a remedial action plan and report the incident to the applicable regulatory agency.

CAUTION – Safe Practice

- Always pay close attention to the rotary locks of the BP310 – FL and the safety mechanism of the mounting system, to avoid risks of damage, of equipment falling, or to prevent injuries to the patients or to the EMS and clinical personnel. Follow the recommended maintenance plan and its guidelines, as described in this user manual.
- Always practice safely operating the BP310 – FL until the manipulations have been perfected, before use with patients. Improper use of the mounting bracket may damage it or cause injury to the patients or to the EMS and clinical personnel.
- Regulations and standards for safety are the sole responsibility of the end user. Ensure that your installation meets the technical specifications requirements herein (refer to the « Technical Specifications » section on page 13), as well as the local and regional compliance requirements before use.

CAUTION – Safe Handling and Operation

- Always wait until the emergency vehicle is immobilized before installing/removing the medical device in/from the BP310 – FL to avoid risks of damage, of equipment falling, or of injuries to the patients or to the EMS and clinical personnel.
- Always ensure that the medical device is secured in the BP310 – FL before the emergency vehicle starts moving to avoid risks of damage, of equipment falling, or of injuries to the patients or to the EMS and clinical personnel.
- Always ensure that the BP310 – FL is secured on the mounting system before the emergency vehicle starts moving to avoid risks of damage, of equipment falling, or of injuries to the patients or to the EMS and clinical personnel.
- Always pay close attention **not to** wedge the power cords or tubing during the installation/removal of the BP310 – FL on/from the mounting system and/or the medical device in/from the BP310 – FL.

CAUTION – Safe Working Load (SWL)/Load Balance

Do not overload or exceed the total Safe Working Load (SWL) of the BP310 – FL, to avoid tipping incidents or risks of collapsing. Refer to the « Technical Specifications » section on page 13 for the SWL.

CAUTION – Follow the Instruction for Use

Always refer to your established internal protocols, as well as read and abide by the safety guidelines and instructions provided in the user documentation of the BP310 – FL, the AeroNOx 2.0 Nitric Oxide Delivery System and the mounting system.

3. Technical Specifications

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Product Name	Bracket Pro Serie 310 – FL
Description	Mounting bracket designed to secure and transport the AeroNOx 2.0 Nitric Oxide Delivery System
Product Code	3100-10-ANX-FL
Operating Environment	EMS/CCT (air and ground)
Compliance	- Tested in compliance with 14 CFR 23.561, 14 CFR 25.561, 14 CFR 27.561 and 14 CFR 29.561 - Tested in compliance with SAE J3043 and AMD-028
Expected Service Life	5 years
Compatible Mounting Systems	- Micro Base - Surface Converter Pro
Compatible Medical Device	AeroNOx 2.0 Nitric Oxide Delivery System
Dimensions (W X D X H)	314.45 mm X 147.79 mm X 328.61 mm (12.38 in. X 5.82 in. X 12.94 in.)
Weight	2.36 kg (5.2 lb)
Composition	Aluminum, stainless steel and plastic
Total Safe Working Load (SWL)	4 kg (8.8 lb)
Operating Temperature	- 35° C to 45° C (- 31° F to 113° F)
Tested and Approved Cleaning Solutions	- Oxivir, 5% Hydrogen Peroxide with Peracetic Acid (AHP)) - Lavo 12, 10 000 ppm Sodium Hypochlorite - TNT-100, 5% Quaternary Ammonium Compound - Spectro-Sept, 5% Ethyl Alcohol - Spectrol, 5% EDTA salt

4. Orientation Illustrations

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

NOTE : The orientations referenced herein are from the EMS and clinical personnel standpoint, when facing the mounting bracket.

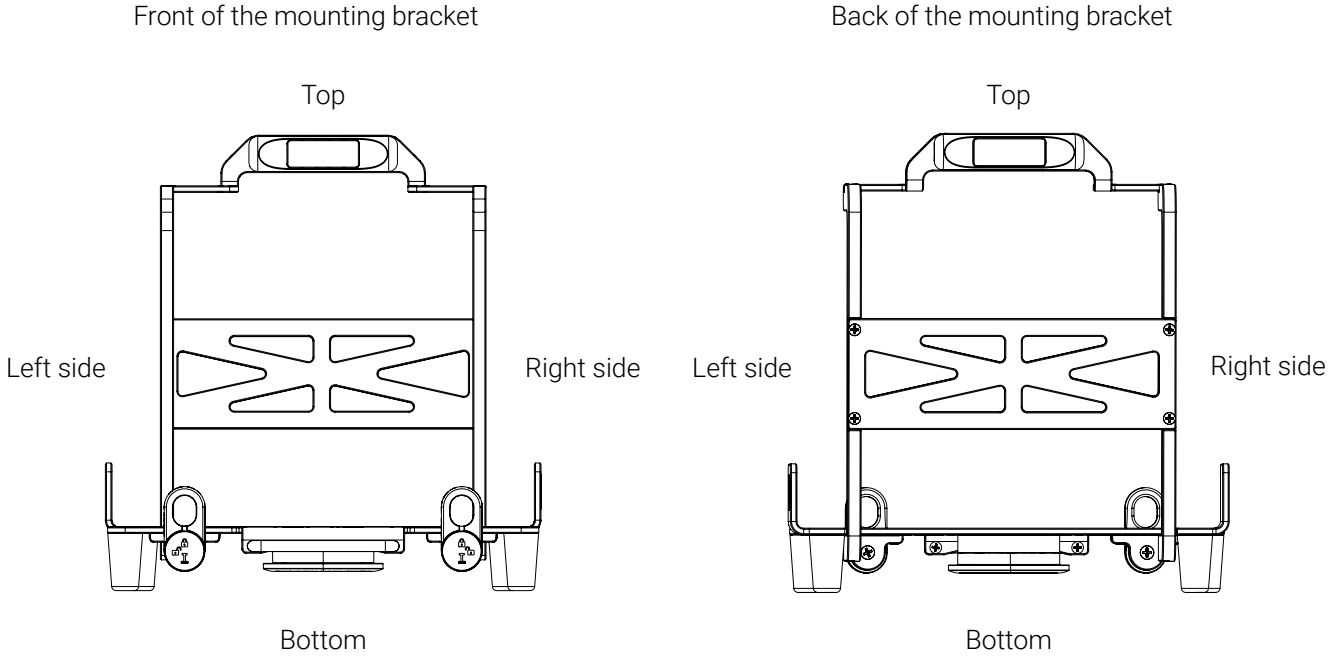
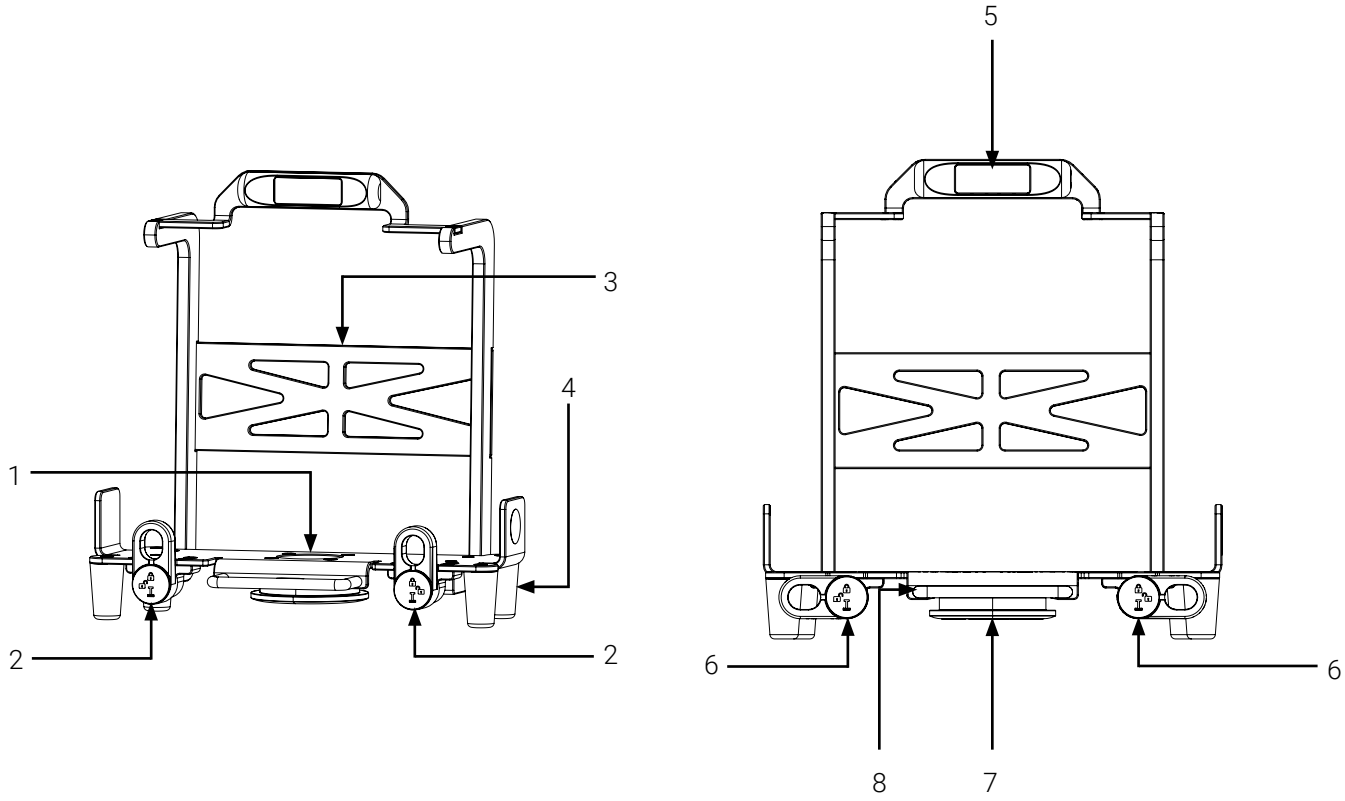


Figure 2: BP310 – FL orientation illustration

5. Illustrated Parts

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.



1. Bottom plate
2. Rotary lock (2X; shown in Locked position)
3. Back plate
4. Foot (4X)
5. Top handle (used to transport the bracket)
6. Rotary lock (2X; shown in Unlocked position)
7. Micro disc
8. Front handle (used for the installation/ removal manoeuvres of the bracket)

Figure 3: BP310 – FL components

6. Illustrated Dimensions

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

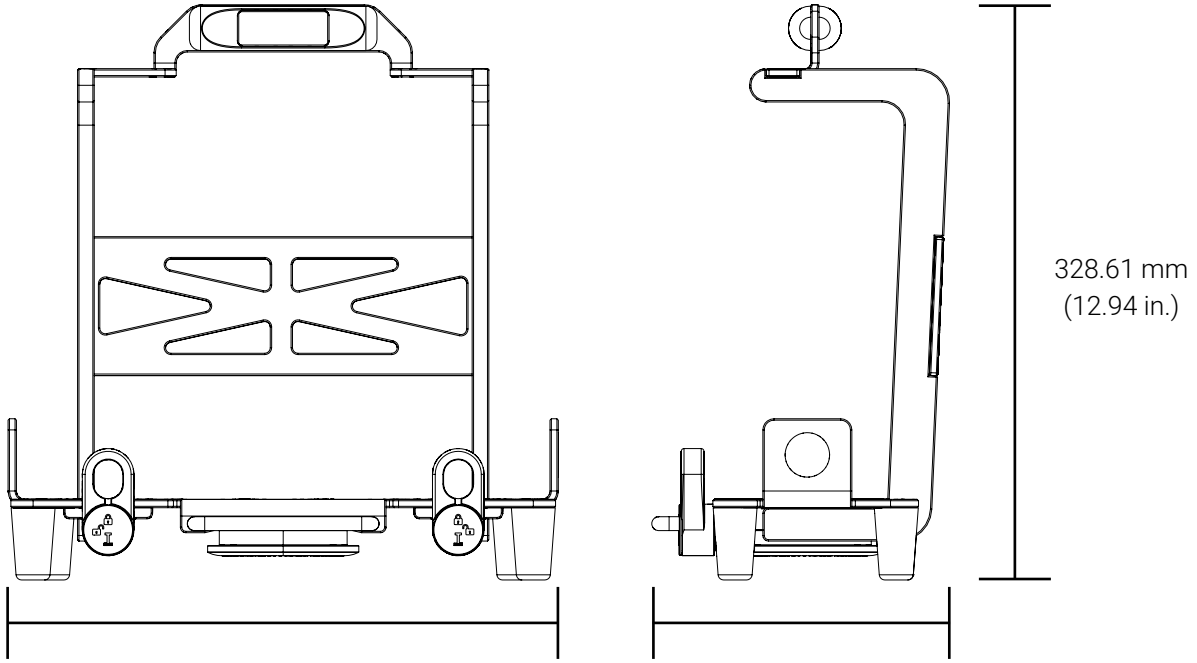


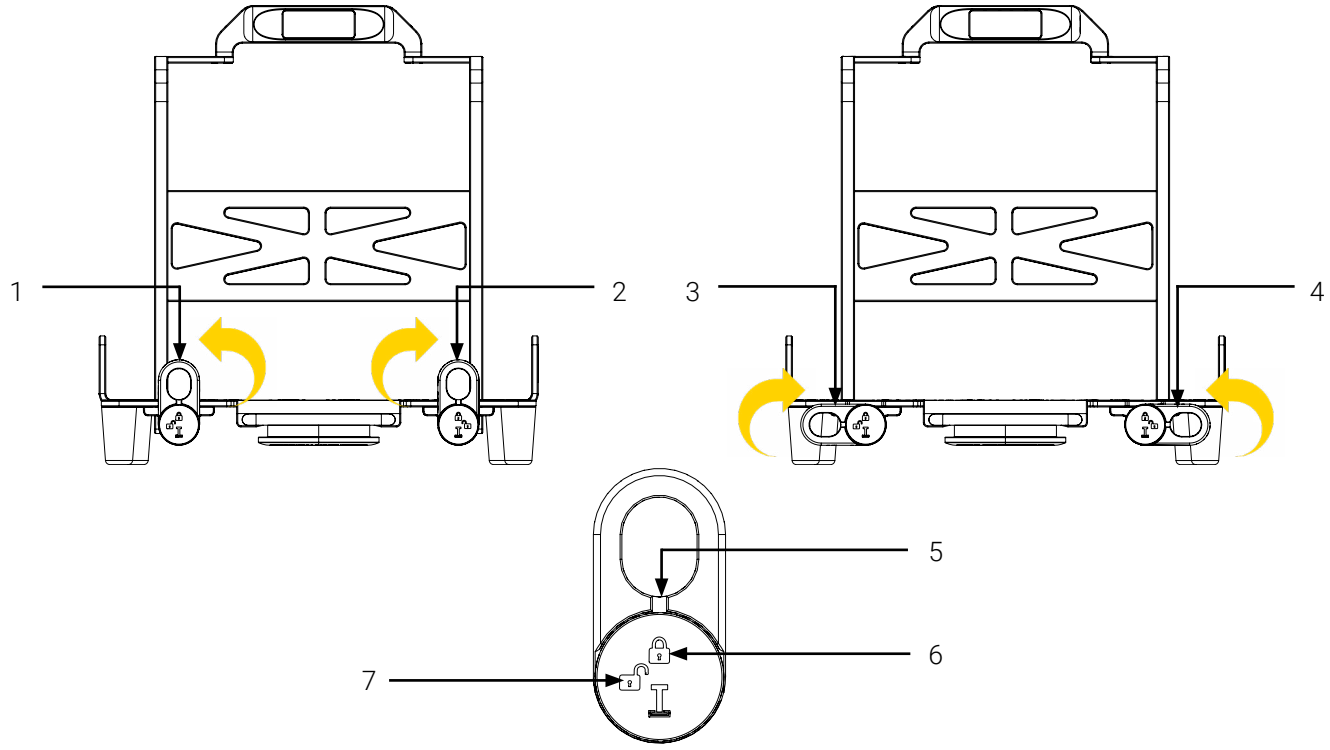
Figure 4: BP310 – FL dimensions

7. Safety Mechanism

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Two (2) rotary locks located at the front of the BP310 – FL are used to lock and unlock the mounting bracket (Figure 5):

- When both rotary locks and both position indicators are oriented vertically, the locks are in the "locked position" ( ) and the medical device is secured in the bracket. The rotary lock on the left of the bracket turns counterclockwise to unlock and turn clockwise to lock.
- When both rotary locks and both position indicators are oriented horizontally, the locks are in the "unlocked position" ( ) and the medical device can be removed from the bracket. The rotary lock on the right of the bracket turns clockwise to unlock and turns counterclockwise to lock.



1. Rotary lock on the left of the bracket in locked position
2. Rotary lock on the right of the bracket in locked position
3. Rotary lock on the left of the bracket in unlocked position
4. Rotary lock on the right of the bracket in unlocked position
5. Position indicator
6. Locked icon
7. Unlocked icon

Figure 5: Safety mechanism - Rotary locks

8. Operate the BP310 – FL

The content in this section is intended for personnel who have a proficient, expert or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

NOTE : The illustrations herein are intended to facilitate user comprehension. The installation and/or removal procedures apply to any compatible mounting system. Refer to the « Technical Specifications » section on page 13 if needed.

8.1. Install the AeroNOx 2.0 Nitric Oxide Delivery System in the BP310 – FL

1. Unlock the mounting bracket using the rotary locks (Figure 6). Refer to the « Safety Mechanism » section on page 17 if needed.

(A) (B)

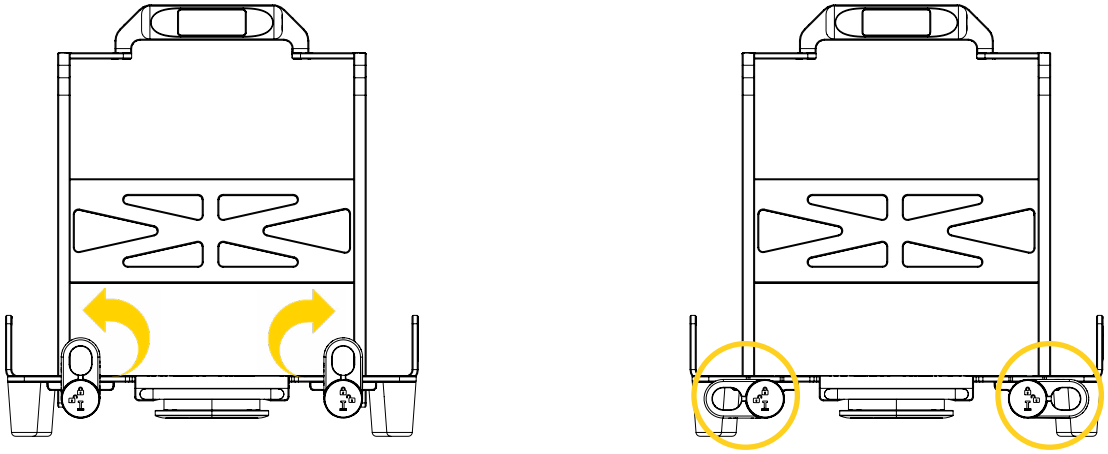


Figure 6: Unlocking the BP310 – FL

2. Align and insert the medical device in the mounting bracket horizontally until it reaches the back plate and will not interfere with the rotary locks (Figure 7).

(A) (B)

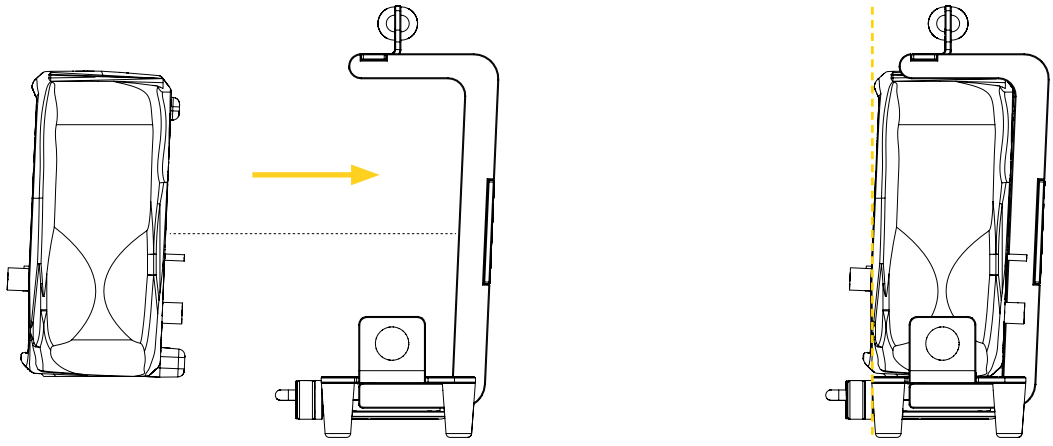


Figure 7: Installing the medical device in the BP310 – FL

3. Lock the mounting bracket to secure the medical device using the rotary locks (Figure 8). Refer to the « Safety Mechanism » section on page 17 if needed.

(A) (B)

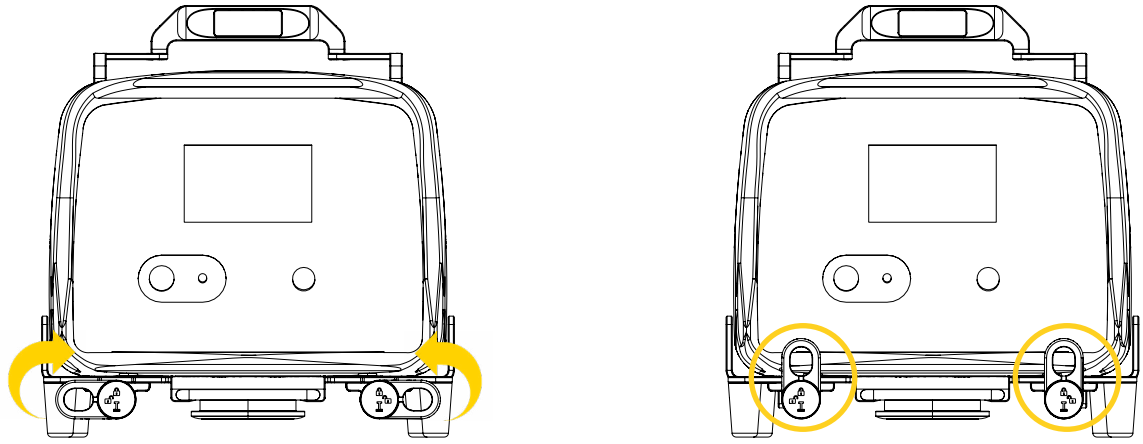


Figure 8: Securing the medical device in the BP310 – FL

4. Move the medical device back and forth a few times to ensure it is locked and secured in the mounting bracket. If the medical device stays in the bracket after the verification, it is locked and secured.

The installation of the AeroNOx 2.0 Nitric Oxide Delivery System in the BP310 – FL is complete.

8.2. Remove the AeroNOx 2.0 Nitric Oxide Delivery System from the BP310 – FL

1. Unlock the mounting bracket using the rotary locks (Figure 9). Refer to the « Safety Mechanism » section on page 17 if need.

(A) (B)

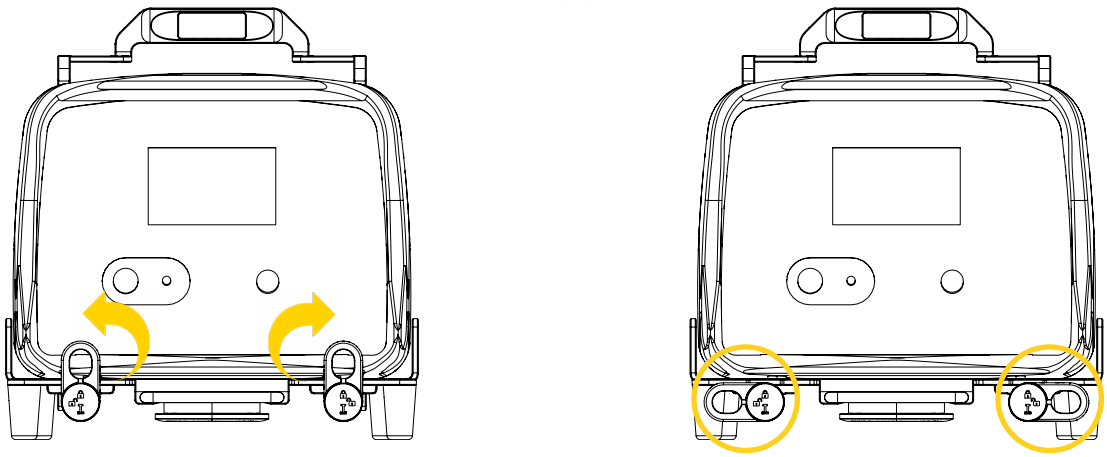


Figure 9: Unlocking the BP310 – FL

2. Pull the medical device out of the mounting bracket horizontally (Figure 10).

(A) (B)

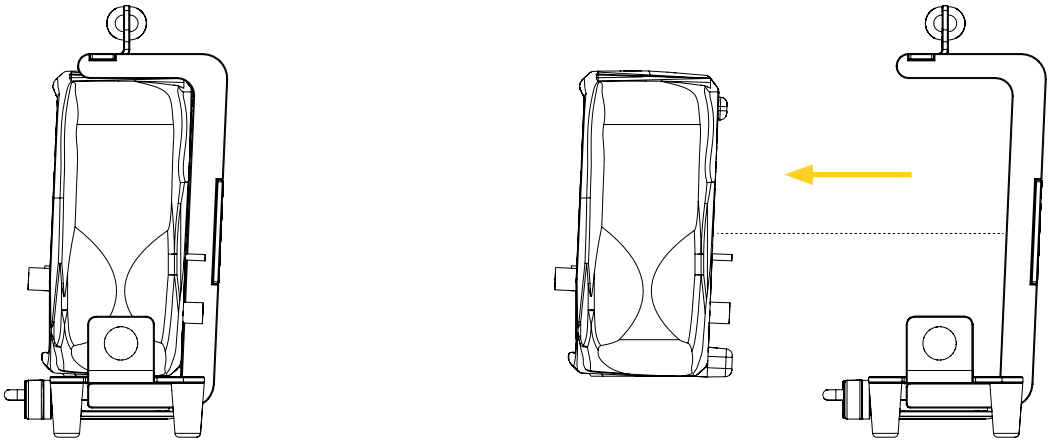


Figure 10: Removing the medical device from the BP310 – FL

3. Set the medical device aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.

The removal of the AeroNOx 2.0 Nitric Oxide Delivery System from the BP310 – FL is complete.

8.3. Install the BP310 – FL on the Micro Base

1. Ensure that the medical device is locked and secured in the mounting bracket. Refer to the « Install the AeroNOx 2.0 Nitric Oxide Delivery System in the BP310 – FL » section on page 18 if needed.
2. Align and insert the micro disc located under the mounting bracket in the Micro Base horizontally using the front handle until it locks (Figure 11).

(A) (B)

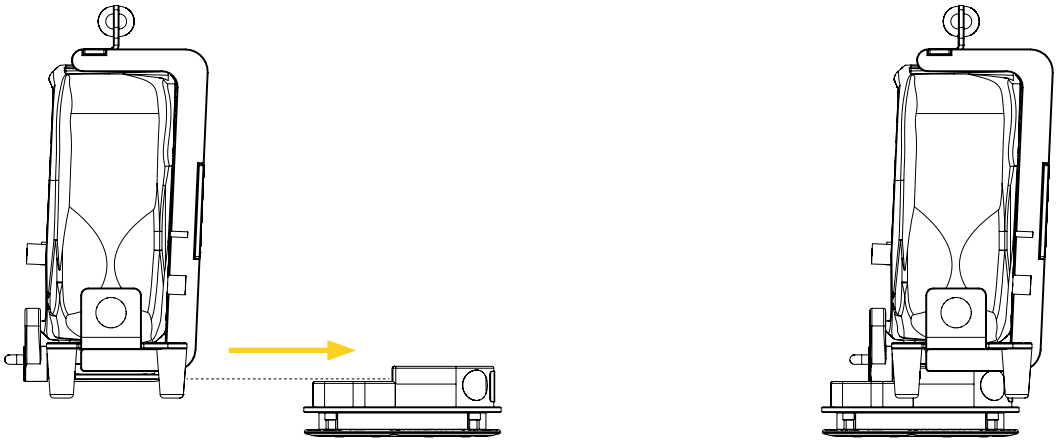


Figure 11: Installing the mounting bracket on the Micro Base

3. Move the mounting bracket back and forth a few times to ensure it is locked and secured on the Micro Base. If the bracket stays on the base after the verification, it is locked and secured.
4. Turn the mounting bracket up to 360° clockwise or counterclockwise to the desired position (Figure 12).

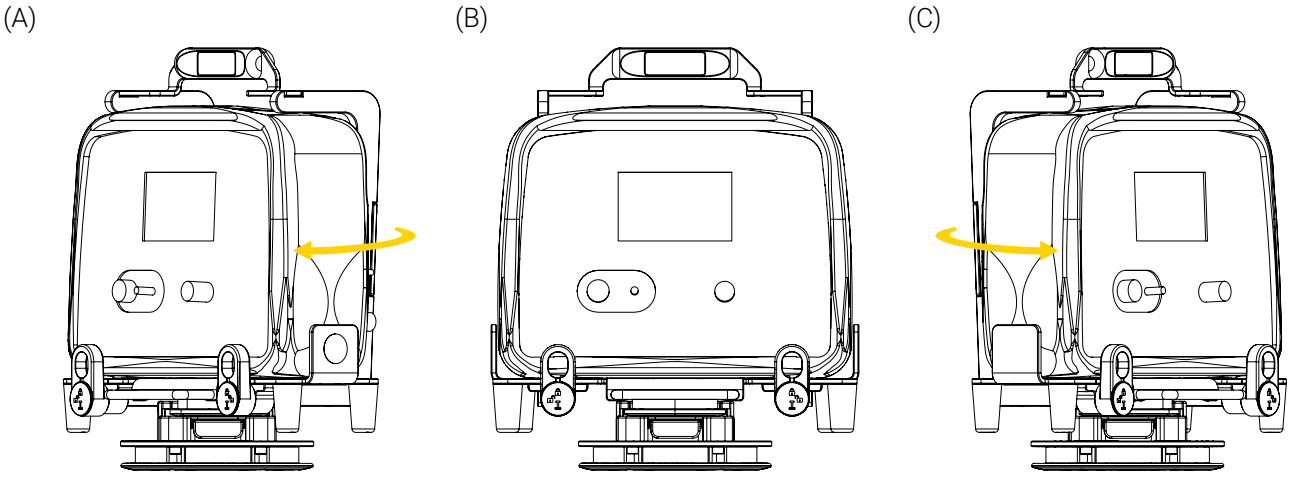


Figure 12: Rotating the mounting bracket

The installation of the BP310 – FL on the Micro Base is complete.

8.4. Remove the BP310 – FL from the Micro Base

1. Press and hold the quick release button located at the front of the Micro Base (Figure 13 A), then pull the BP310 – FL out of the base horizontally using the front handle (Figure 13 B).

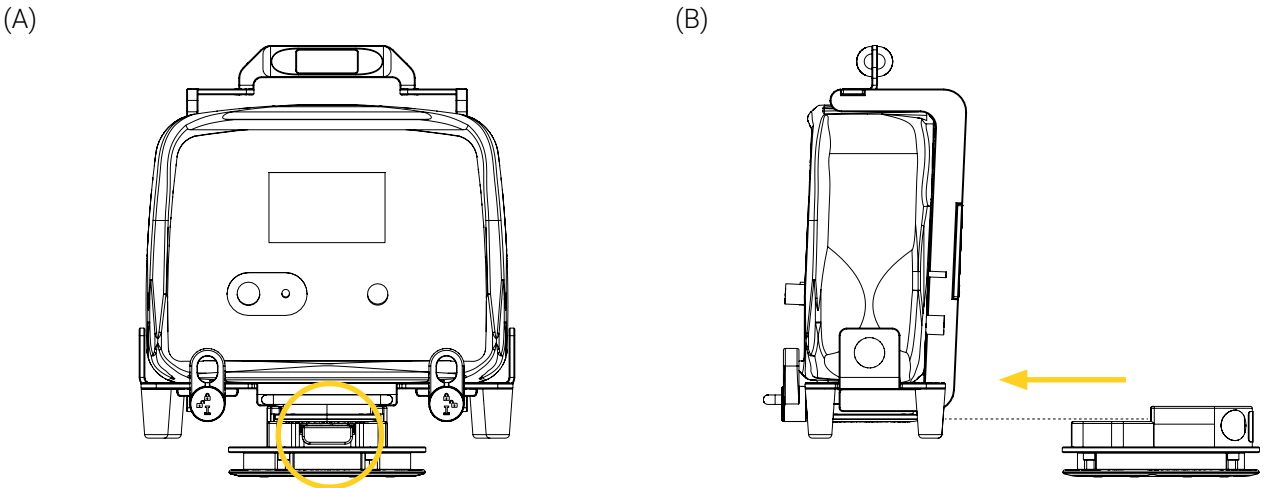


Figure 13: Removing the mounting bracket from the Micro Base

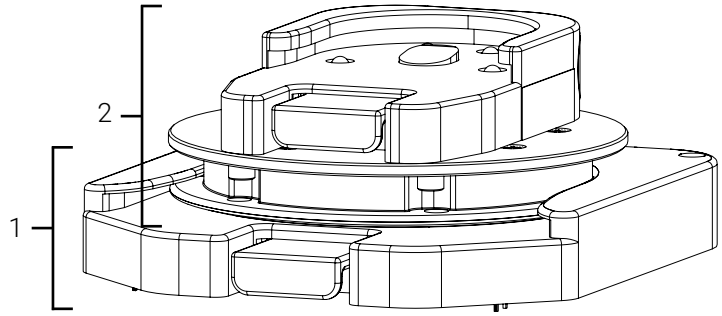
2. Set the mounting bracket aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.

The removal of the BP310 – FL from the Micro Base is complete.

8.5. Install the BP310 – FL on the Standard Surface Base using a Surface Converter Pro

NOTE : The BP310 – FL can only be installed on a Standard Surface Base when using a Surface Converter Pro. Refer to the Surface Converter Pro and the Standard Surface Base user manuals for the safety guidelines, detailed product information, standards and specifications of the mounting interface and mounting system.

1. Install the Surface Converter Pro on the Standard Surface Base (Figure 14). Refer to the Surface Converter Pro user manual if needed.



1. Standard Surface Base
2. Surface Converter Pro

Figure 14: Mounting solution using a Surface Converter Pro and Surface Converter Pro

2. Ensure that the Surface Converter Pro is locked and secured on the Standard Surface Base. Refer to the Surface Converter Pro user manual if needed.
3. Ensure that the medical device is locked and secured in the BP310 – FL. Refer to the « Install the AeroNOx 2.0 Nitric Oxide Delivery System in the BP310 – FL » section on page 18 if needed.
4. Align and insert the standard bottom disc located under the Surface Converter Pro in the Standard Surface Base horizontally using the front handle until it locks (Figure 15).

(A) (B)

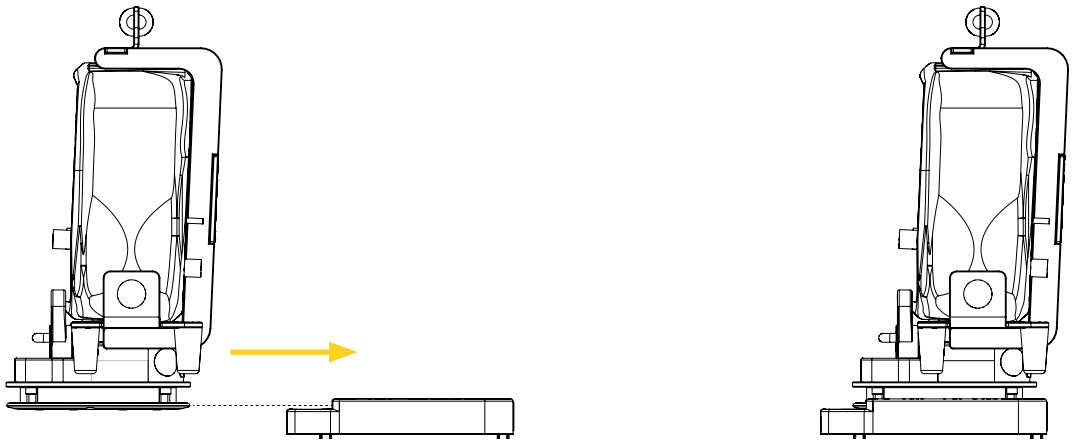


Figure 15: Installing the Surface Converter Pro on the Standard Surface Base

5. Move the mounting bracket back and forth a few times to ensure it is locked and secured on the Standard Surface Base. If the bracket stays on the base after the verification, it is locked and secured.
6. Turn the mounting bracket up to 360° clockwise or counterclockwise to the desired position (Figure 16).

(A) (B) (C)

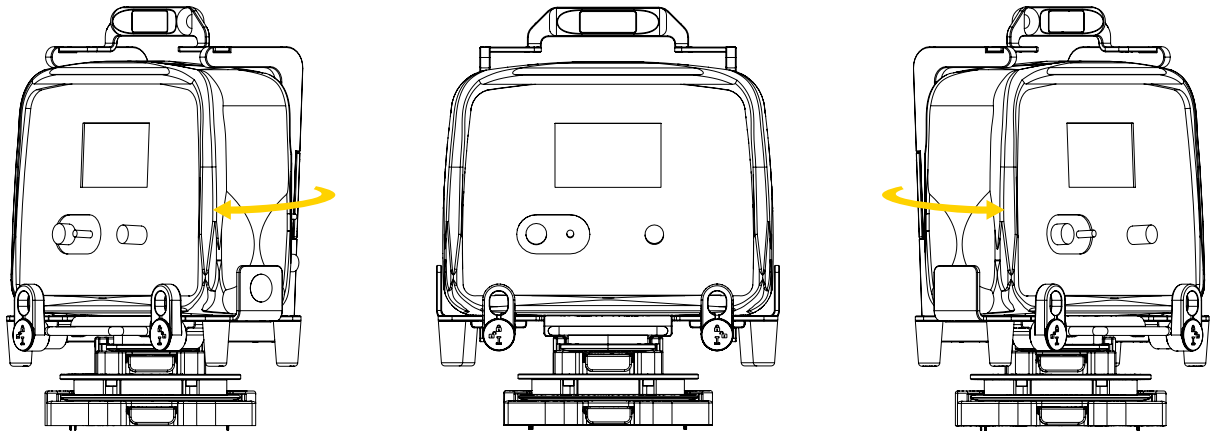


Figure 16: Rotating the mounting bracket

The installation of the BP310 – FL in the Standard Surface Base using a Surface Converter Pro is complete.

8.6. Remove the BP310 – FL from the Mounting Interface/Mounting System

1. Press and hold the quick release button located at the front of the mounting interface (Figure 17)/mounting system (Figure 18), then pull the BP310 – FL out of the base horizontally using the front handle. Refer to the Surface Converter Pro and the Standard Surface Base user manuals if needed.

(A) (B)

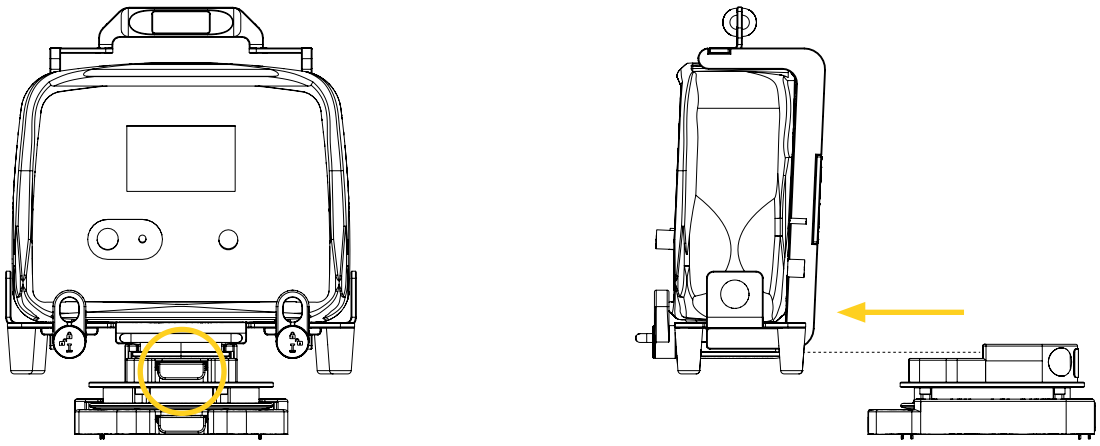


Figure 17: Removing the mounting bracket from the Surface Converter Pro

(A) (B)

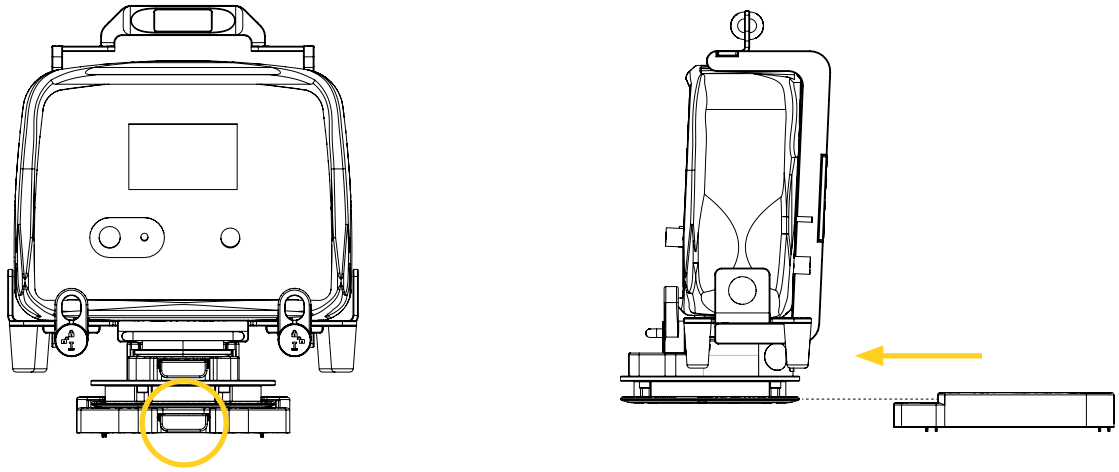


Figure 18: Removing the mounting bracket from the Standard Surface Base

2. Set the mounting bracket aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.

The removal of the BP310 – FL from the mounting interface/mounting system is complete.

Annex I Skills Assessment of the EMS and Clinical Personnel

The content in this section is intended for personnel who have an expert level of competency. Refer to the « User Competency » section on page 5 if needed.

Following training, a skills assessment should be given to each member of the EMS and clinical personnel to ensure they have fully comprehended the labelling, warnings and cautions, potential risks, safe practices and proper operating procedures needed to safely and effectively use the BP310 – FL. Consider adding the following to your internal training protocols.

Trainee name: Unit:

Assessor name: Date:

SKILLS ASSESSMENT		
SKILL CRITERIA	PASSED	FAILED
Labelling		
- Able to identify meaning and potential risks associated with the different safety labels:		
- Safe Working Load (SWL).	☐	☐
Safety Measures		
- Knows **not to** use the BP310 – FL if there are any loose or missing screws.	☐	☐
- Knows to always use the BP310 – FL as it was intended, using only the compatible mounting systems and medical device, and that improper use of the mounting bracket may cause unpredictable functioning.	☐	☐
- Knows to immediately stop using the BP310 – FL if any serious incident occurs and what to do.	☐	☐
- Knows to always pay close attention to the rotary locks of the BP310 – FL and the safety mechanism of the mounting system.	☐	☐
- Knows to always practice safely operating the BP310 – FL until the manipulations have been perfected, before use with patients.	☐	☐
- Knows to always wait until the emergency vehicle is immobilized before installing/ removing the medical device in/from the BP310 – FL.	☐	☐
- Knows to always ensure that the medical device is secured in the BP310 – FL before the emergency vehicle starts moving.	☐	☐
- Knows to always ensure that the BP310 – FL is secured on the mounting system before the emergency vehicle starts moving.	☐	☐

SKILLS ASSESSMENT		
SKILL CRITERIA	PASSED	FAILED
- Knows to always pay close attention **not to** wedge the power cords or tubing during the installation/removal of the BP310 – FL on/from the mounting system and/or the medical device in/from the BP310 – FL.	☐	☐
- Knows **not to** overload or exceed the total Safe Working Load (SWL) of the BP310 – FL.	☐	☐
- Knows to always refer to their established internal protocols, as well as read and abide by the safety guidelines and instructions provided in the user documentation of the BP310 – FL, the AeroNOx 2.0 Nitric Oxide Delivery System and the mounting system.	☐	☐
Operation		
- Able to install/remove the medical device in/from the BP310 – FL.	☐	☐
- Able to install/remove the BP310 – FL on/from the Micro Base.	☐	☐
- Able to rotate the BP310 – FL on the Micro Base.	☐	☐
- Able to install/remove the BP310 – FL on/from the Standard Surface Base using a Surface Converter Pro.	☐	☐
- Able to rotate the BP310 – FL on the Standard Surface Base.	☐	☐

Annex II Unpack the BP310 – FL

The content in this section is intended for personnel who have an advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

1. Inspect the shipping box(es) for signs of damage before accepting shipment. Take pictures and report them promptly if applicable.
2. Move the shipping box(es) to the location of the installation.
3. Open the shipping box(es).
4. Unpack the box(es) and ensure that all shipping and packaging materials have been properly removed, prior to installation.

   NOTE : Keep all packaging material for future use.
5. Identify the item(s) included in the shipping box(es), then set it/them aside.
6. Inspect the item(s) for signs of damage. Take pictures and report them promptly if applicable.

Annex III Maintenance

The content in this section is intended for personnel who have an advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Factors such as weather, environment, geographical location and individual usage will necessitate different needs. For the maintenance of the BP310 – FL, follow the guidelines listed herein and in accordance with your service's current maintenance practices and established internal protocols. Please contact Technical Support at techsupport@technimount.com for replacement parts or repair related issues, if needed.

WARNING – General Warning

- **Do not** perform the safety checks or the condition-based maintenance before having read the entire « Safety Measures » section on page 11 and the maintenance specific safety measures in this section, having read the entire content of this user manual, having gained in-depth knowledge and product comprehension, as well as having familiarized yourself with the standards and guidelines.
- Safety checks and a condition-based maintenance plan are required and should be established for all Technimount products.
- Perform the safety checks and maintenance operations as described herein. Failing to follow the recommended maintenance plan or its guidelines could cause premature damage to the product.
- Use only Technimount parts, maintenance procedures, cleaning solutions and lubricants (if applicable), as described herein. Using unapproved modified parts or procedures for the maintenance of the Technimount product may cause the system to be unstable and could cause injury to the patients or EMS and clinical personnel and void the product warranty.
- Replace damaged or worn-out parts if past their expected service life or when damaged (refer to the « Replacement Parts/Kits » section on page 35). Recycle damaged parts or dispose according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).

CAUTION – Safe Handling and Operation

- **Do not** use unauthorized, untested or unapproved cleaning products and disinfectants to perform condition-based maintenance, to avoid damaging the surface of your Technimount product and void the warranty. Technimount will not be held liable for damages resulting from the use of an unauthorized, untested or unapproved cleaning product.
- **Do not** use powered tools to screw the hardware during installation, as there is a risk of damage to the threads.
- **Do not** steam clean or use ultrasonic cleaners on the system or any of its components.
- **Do not** immerse the metal parts/components in water.
- To spot clean, the maximum water temperature should not exceed 82° C (180° F). The maximum water pressure should not exceed 1500 psi/103.5 BAR. If using a high pressure washer, the pressure nozzle must be kept a minimum of 609.6 mm (24 in.) from the product.
- When cleaning, always use the appropriate Personal Protection Equipment (PPE) based on your established internal protocols (e.g., gloves, eyewear, etc.).

CAUTION – Corrosion

- Always rinse and dry the BP310 – FL components properly after using cleaning products. Certain types of cleaners may leave a corrosive residue on the surface of the product and could cause the premature corrosion of critical components. Refer to the product Safety Data Sheets (SDS) for chemical information or handling, storage and emergency measures in case of accident.
- Dispose of corrosive wastes according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).

CAUTION – Follow Instructions for Use

Always read and abide by all the safety guidelines identified, as well as follow all of the instructions provided by the manufacturer of the cleaning product.

Maintenance Frequency

- Safety checks and the condition-based maintenance should be performed minimally every month or as frequently needed, to prolong the longevity of the BP310 – FL in optimal conditions.
- Decontaminate the BP310 – FL as recommended in your established internal protocols, as well as the regulations and standards in virtue of the infection prevention and control procedures.

Required Tools

- Clean and dry cloth
- Soft brush
- Pressure washer
- Cleaning solutions

Tested and Approved Cleaning Solutions

- Oxivir, 5% Hydrogen Peroxide with Peracetic Acid (AHP)
- Lavo 12, 10 000 ppm Sodium Hypochlorite
- TNT-100, 5% Quaternary Ammonium Compound
- Spectro-Sept, 5% Ethyl Alcohol
- Spectrol, 5% EDTA salt

Maintenance Plan

1. Check the boxes upon completion of the « Safety Checks » section on page 31 and the « Condition-Based Maintenance » section on page 32, then add your comments and/or observations in the « Maintenance Log » section on page 33 if needed. In case of a non-conformity, immediately stop using the BP310 – FL and contact Technical Support at techsupport@technimount.com for a remedial action plan.
2. Keep records of your maintenance activities.

SAFETY CHECKS	CHECKED
BP310 – FL (Figure 19)	
- Visually inspect all the components of the BP310 – FL to ensure that the hardware is in good condition and there are no loose screws. • *If the hardware is not in good condition, replace it. Contact Technical Support if needed.* • *If the screws are loose, there is a non-conformity.*	☐
- Visually inspect all the components of the BP310 – FL to ensure there is no chemical attack. • *If there are traces of chemical attack, clean the mounting bracket. Refer to the « Condition-Based Maintenance » section on page 32 if needed.*	☐
- Turn the rotary locks clockwise and counterclockwise a few times to ensure proper functioning of the safety mechanisms of the mounting system. • *If the rotary locks does not easily rotate from left to right and you feel resistance when doing so, there is a non-conformity.*	☐
- Install the BP310 – FL on the Micro Base and remove it a few times to ensure proper functioning of the safety mechanism of the mounting system. • *If the micro disc located under the bracket of the medical device does not easily insert in the base and does not lock, and/or cannot be easily removed when using the quick release button of the base, there is a non-conformity.*	☐
- Install the BP310 – FL in the Micro Base and move it from side to side and back and forth a few times to ensure it is secured in the base and does not move. • *If the mounting bracket moves after being correctly installed on the base, there is a non-conformity.*	☐
- Turn the mounting system clockwise and counterclockwise a few times to ensure proper functioning of the mechanism of the bracket. • *If the mounting bracket does not easily rotate from left to right and you feel resistance when doing so, there is a non-conformity.*	☐
- Look at the manufacturing label to ensure that your BP310 – FL has not passed its expected service life. Refer to the « Labels » section on page 10 and the « Technical Specifications » section on page 13 if needed. • *If the estimated period of safe and reliable use has passed, there is a non-conformity.*	☐

CONDITION-BASED MAINTENANCE	CHECKED

Clean the BP310 – FL, after you have completed the safety checks: ☐

1. Remove the excess dirt using a clean cloth, if needed.
2. Remove the contaminants using a pressure washer or as recommended in your established internal protocols and control procedures.
3. Clean using a cloth and cleaning solution.
4. Spot clean stains by applying the solution directly on the stain and let sit on the surface, if needed.

   NOTE : Avoid over saturation and ensure that the product does not sit on the surface of the BP310 – FL components longer than recommended by the cleaner's manufacturer.

5. Thoroughly rinse the solution with a clean cloth dampened with lukewarm water, then dry all the components using a clean cloth before returning to service.

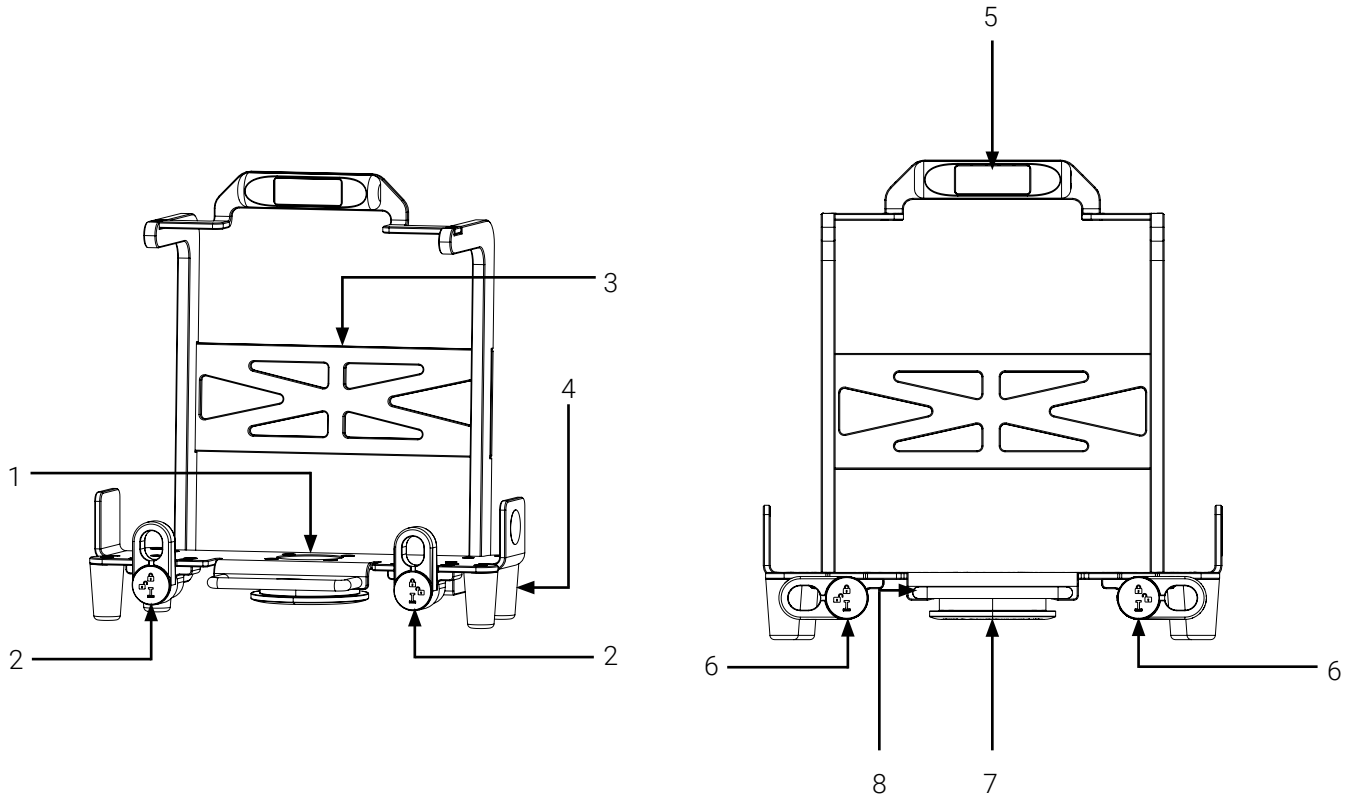
MAINTENANCE LOG

Add your comments and/or observations, after you have completed the safety checks and Condition-Based Maintenance, if needed:

Maintenance plan completed on (dd/mm/yyyy):

Maintenance plan completed by:

Illustrated Inspection Points



1. Bottom plate
2. Rotary lock (2X; shown in Locked position)
3. Back plate
4. Foot (4X)
5. Top handle (used to transport the bracket)
6. Rotary lock (2X; shown in Unlocked position)
7. Micro disc
8. Front handle (used for the installation/ removal manoeuvres of the bracket)

Figure 19: Illustrated inspection points

Annex IV Replacement Parts/Kits

The content in this section is intended for personnel who have an expert and advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

Technimount reserves the right to change part numbers and products without notice. Please contact Customer Service at customerservice@technimount.com to ensure product options and availability, or Technical Support at techsupport@technimount.com for replacement parts/kits or repair related issues.

REFERENCE #	PART/KIT #	PART/KIT DESCRIPTION	REPLACEMENT PROCEDURE
Figure 19, #4	923-00-1625-INS	1 5/8 in. acetal foot	Replacing the Acetal or Rubber Feet on a Technimount Mounting System

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