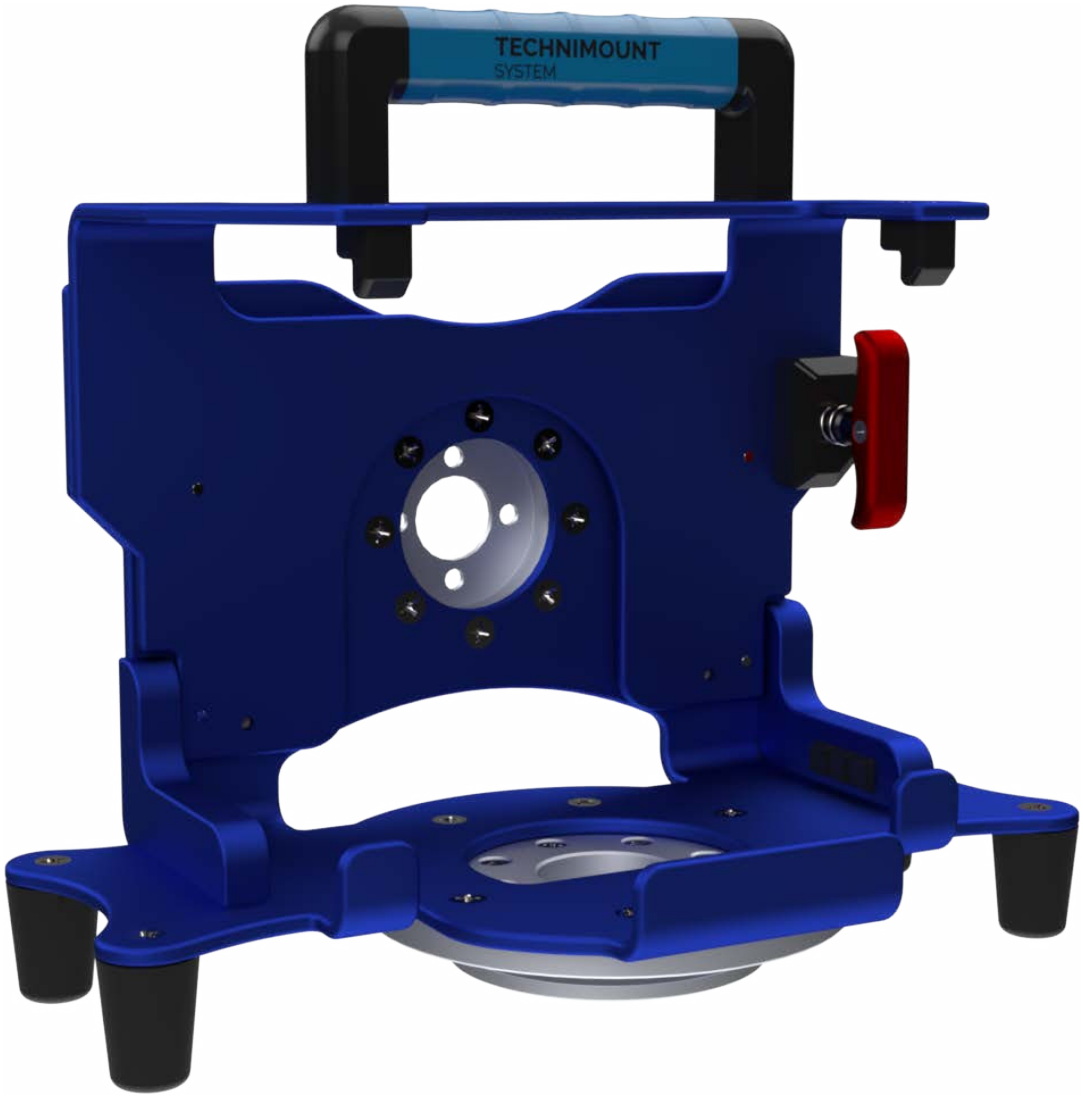
TECHNIMOUNT
EMS®

BRACKET PRO SERIE® 75 – FL MCD

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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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 75 – FL MCD (hereinafter called BP75–FL MCD).

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 BP75–FL MCD is a mounting bracket designed to aid trained EMS and clinical personnel secure and transport the Philips Tempus LS defibrillator during air emergency medical services and critical care transport.

1.2. User Competency

To safely operate the BP75–FL MCD, personnel must have the required skill level 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 BP75–FL MCD. Refer to the « Skills Assessment of the EMS and Clinical Personnel » section on page 24 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.

- **Competent (trained EMS and clinical personnel):** Has received the required training, is sufficiently knowledgeable to safely operate the product and has passed the skills assessment (refer to the « Skills Assessment of the EMS and Clinical Personnel » section on page 24).

  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.

- **Proficient (administrator/manager/supervisor):** Has in-depth knowledge and product comprehension, and

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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 emergency landing, and must thereafter be immediately replaced. If the end user uses a Technimount product following an 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 Philips Tempus LS defibrillator during air emergency medical services and critical care transport, 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.

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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 » section on page 8 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 Material Authorization (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).

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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 Material Authorization (RMA)

The Technimount Customer Service department is responsible for all merchandise returns and will provide a Return Material 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 Material Authorization (RMA) form and return instructions.

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2. General Safety Guidelines



The content in this section is intended for personnel who have a competent, proficient 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.



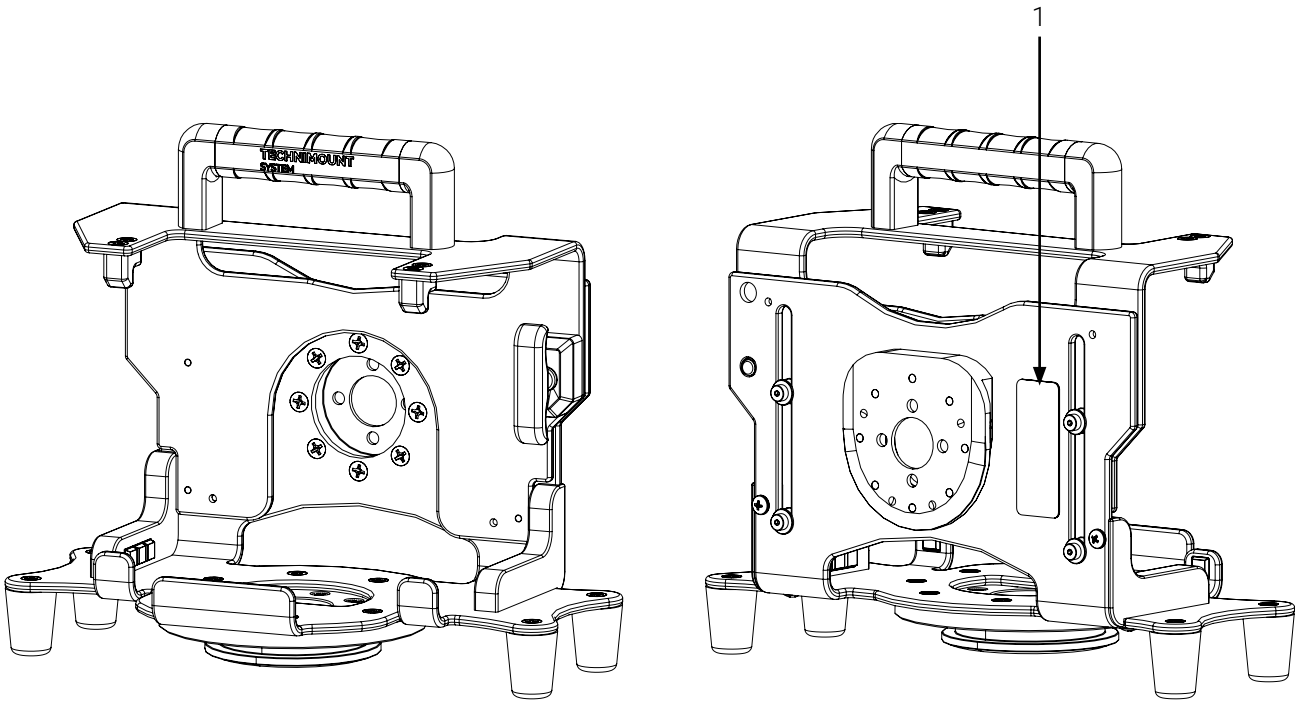
CAUTION – Follow Instructions for Use

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

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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 numbers and the safe working load specifications (Figure 1) can be seen on the Technimount product.



1. Manufacturing label

Figure 1: Location of the manufacturing label

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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 27.

WARNING – Unauthorized Systems

- **Under no circumstances** should the BP75–FL MCD be installed on, connected to, or used in combination with any third party/competitor mounting system, mounting bracket, medical device, or similar equipment, unless Technimount has provided a formal written confirmation of compatibility for the specific configuration.
- The BP75–FL MCD was specifically engineered to be used with the Philips Tempus LS defibrillator. Using any other medical device may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel.
- The BP75–FL MCD was engineered and tested exclusively for use with specific authorized and compatible Technimount components and systems. Using any unauthorized and/or incompatible system may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Technimount assumes no responsibility for any damage, malfunction, or injury arising from use of unauthorized or incompatible systems. Using any unauthorized and/or incompatible system may result in non-compliance with the applicable safety standards and will immediately void all warranties and liability coverage.
- Technimount products are intended for use only within their defined applications, including but not limited to, emergency medical services, critical care transport, and approved healthcare environments. Refer to the « Technical Specifications » section on page 13.
- Regulations and standards for safety are the sole responsibility of the end user. Ensure that your established internal protocols are updated and meet 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.

WARNING – Risk of Injury

- **Do not put fingers/hands** on the telescoping frame when the BP75–FL MCD is being extended and/or retracted, to avoid risks of pinching that could result cause in injury to the EMS and clinical personnel.
- **Do not use** the BP75–FL MCD if there are any loose or missing screws, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.
- Immediately stop using the BP75–FL MCD if any serious incident occurs and inform authorized personnel, to contact the Technical Support at techsupport@technimount.com for a remedial action plan and to report the incident to the applicable regulatory agency.

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CAUTION – Safe Handling and Operation

- Always wait until the transport vehicle is immobilized before manipulating installing/removing the medical device in/from BP75–FL MCD.
- Always ensure that the medical device is secured on the BP75–FL MCD before it is used, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury 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 medical device in/from the BP75–FL MCD and/or the BP75–FL MCD on/from the mounting system.

CAUTION – Safe Practice

- Always pay close attention to the safety mechanism of the BP75–FL MCD, to avoid risks that may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury 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 BP75–FL MCD until the manipulations have been perfected, before use with patients. Improper use of the mounting bracket may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the EMS and clinical personnel.

CAUTION – Safe Working Load (SWL)/Load Balance

- **Do not overload or exceed** the total Safe Working Load (SWL) of the BP75–FL MCD, to avoid tipping incidents or risks of collapsing. Refer to the « Technical Specifications » section on page 13 for the SWL specifications.
- The Safe Working Load (SWL) of the BP75–FL MCD **does not override** the maximum load capacity of another Technimount product or system, neither those of the medical devices and/or medical equipment accessories. To comply with the SWL specification, the entire configuration should be taken into account. Refer to the user documentation of each product applicable to your specific configuration for specifications.

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 BP75–FL MCD, the Micro Base and the Philips Tempus LS defibrillator.

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3. Technical Specifications

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

Product Name	Bracket Pro Serie 75 – FL MCD
Description	Mounting bracket specifically designed to secure and transport the Philips Tempus LS defibrillator during air emergency medical services and critical care transport
Product Code	321-11-LS-FL-MCD
Operating Environment	EMS/CCT (air)
Compliances	Tested in compliance with 14 CFR 23.561, 14 CFR 25.561, 14 CFR 27.561 and 14 CFR 29.561
Expected Service Life	5 years
Compatible Mounting Systems	- Micro Base - Q-Protrak–FL
Compatible Medical Device	Philips Tempus LS defibrillator
Dimensions (W X D X H)	294 mm (11.6 in.) W X 180 mm (7.1 in.) D X 262.4 mm - 299.5 mm (10.3 in. - 11.8 in.) H
Weight	2.2 kg (4.8 lb)
Composition	Aluminum and plastic
Total Safe Working Load (SWL)	2.2 kg (4.8 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
Options	N/A

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4. Orientation Illustrations

The content in this section is intended for personnel who have a competent, proficient 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 BP75–FL MCD (Figure 2).

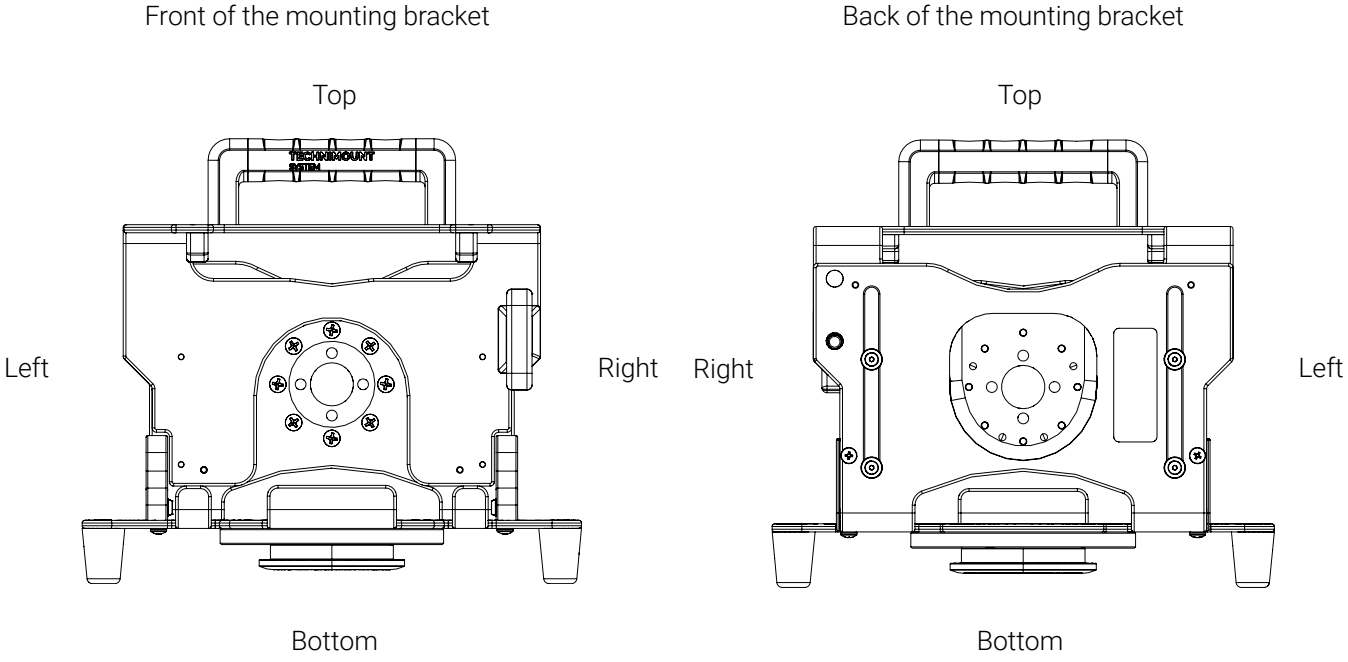
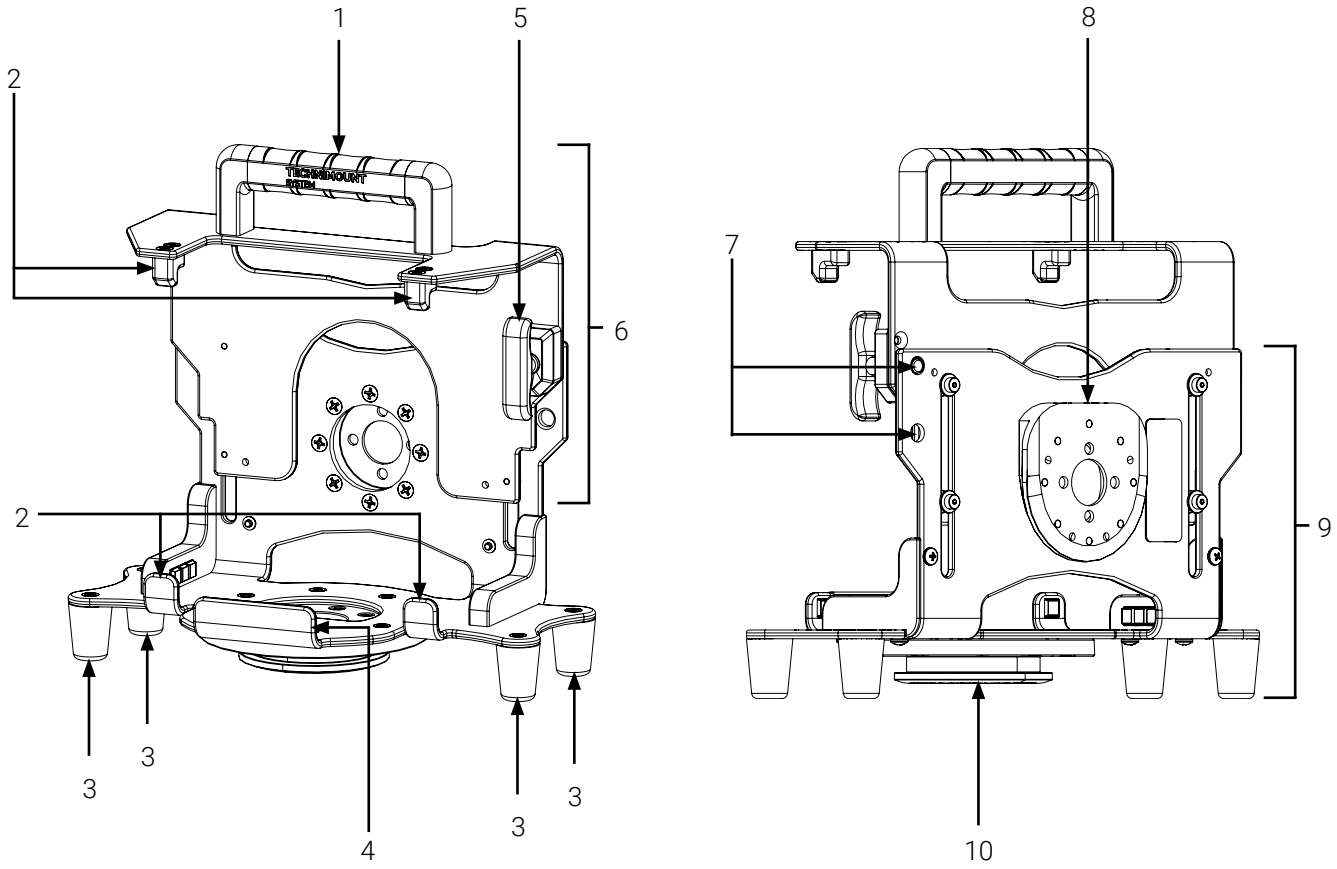


Figure 2: BP75–FL MCD orientation illustration

5. Illustrated Parts

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

Figure 3 illustrates the main components of the BP75–FL MCD.



1. Top handle	6. Mobile top plate
2. Retainer (4X)	7. Lock point (2X)
3. Foot (4X)	8. Anti-rotation micro disc
4. Front handle	9. Fixed bottom plate
5. Spring-loaded quick-release pin	10. Micro disc

Figure 3: BP75–FL MCD components

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6. Illustrated Dimensions

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

Figure 4 illustrates the dimensions of the BP75–FL MCD.

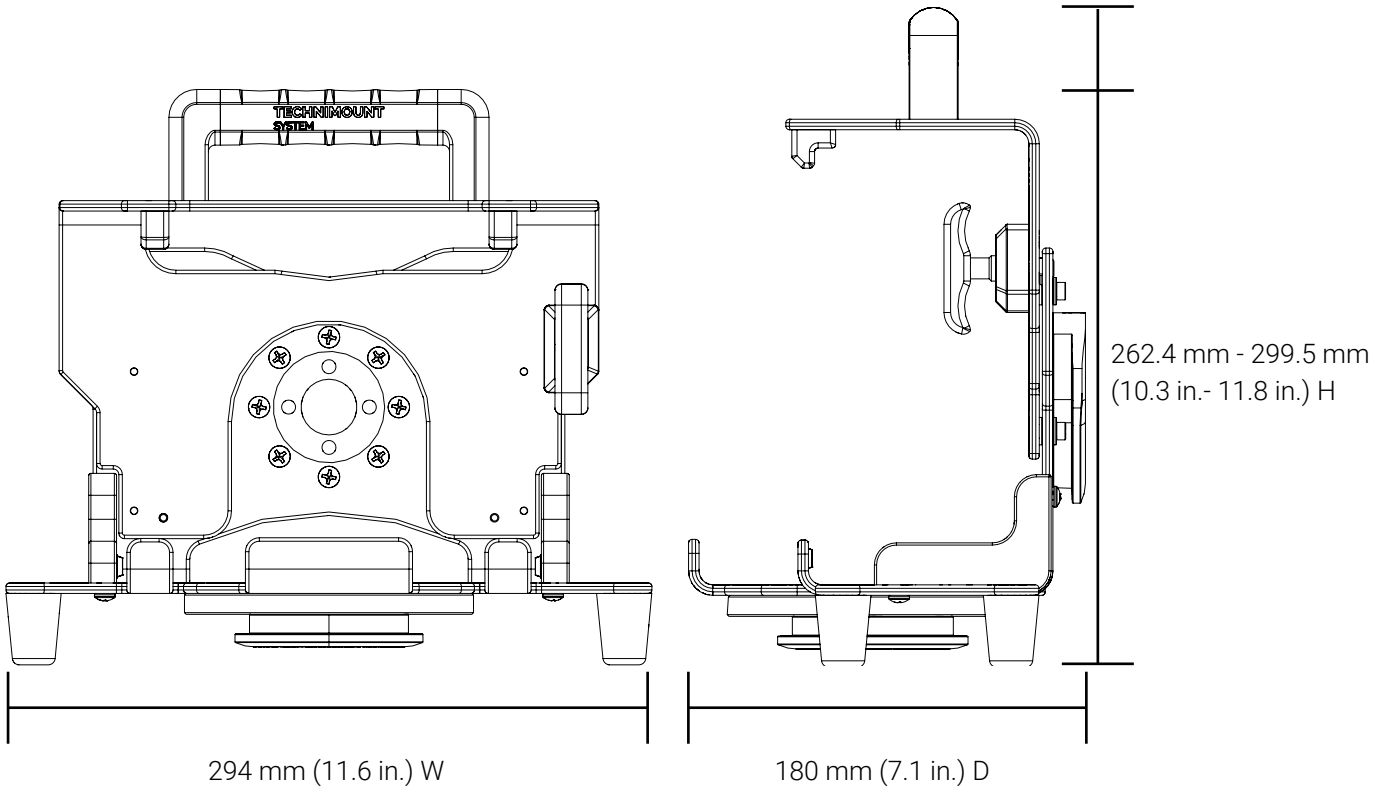


Figure 4: BP75–FL MCD dimensions

7. Safety Mechanism

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

The safety mechanism of the BP75–FL MCD is composed of a spring-loaded quick-release pin. When the pin is pulled and held, the safety mechanism deactivates and the mobile top plate of the mounting bracket can be raised or lowered. The safety mechanism activates when the pin is released and inserted in one (1) of the two (2) lock points of the bracket.

In the extended position (Figure 5A), the pin is inserted in the highest lock point (Figure 5B) and the medical device can be inserted and/or removed from the bracket (Figure 5C). In the retracted position (Figure 6A), the pin is inserted in the lowest lock point (Figure 6B) and the medical device is secured in the bracket (Figure 6C).

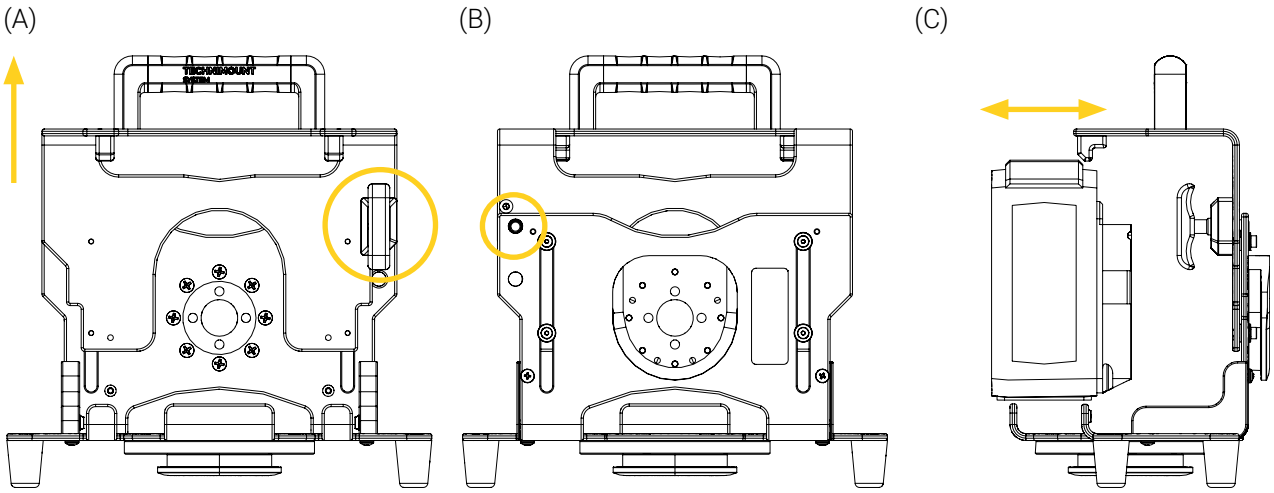


Figure 5: BP75–FL MCD locked in the extended position

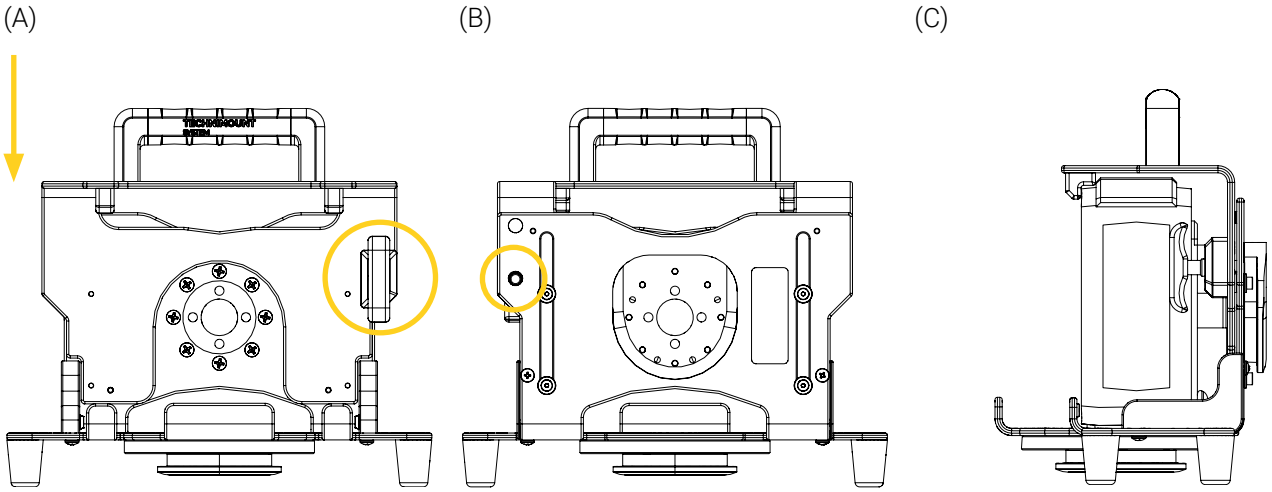


Figure 6: BP75–FL MCD locked in the retracted position

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8. Operate the BP75–FL MCD

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

NOTE : The illustrations herein are for user-comprehension purposes and may differ from your actual configuration. The instructions apply to any compatible mounting system. Refer to the User Manual of your mounting system, if needed.

8.1. Install the Medical Device in the BP75–FL MCD

1. Pull and hold the quick-release pin of the BP75–FL MCD (Figure 7A–1), lift the mobile top plate using the top handle (Figure 7A–2) until the pin has passed the height of the lowest lock point (Figure 7B–1), then release the pin (Figure 7B–2).
2. Lift the mobile top plate until the pin inserts itself and locks in the highest lock point (Figure 7C).

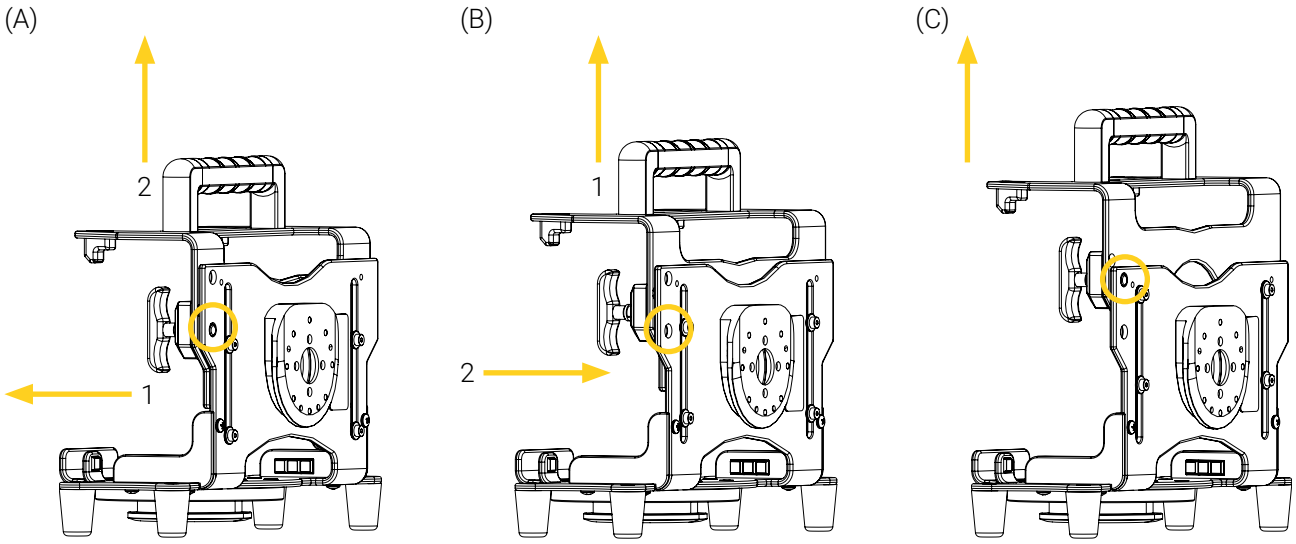


Figure 7: Locking the BP75–FL MCD in the extended position

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3. Align and insert the medical device on the mounting bracket, ensuring that the medical device is flat, centered between the retainers and pressed against the back plate (Figure 8).

(A) (B)

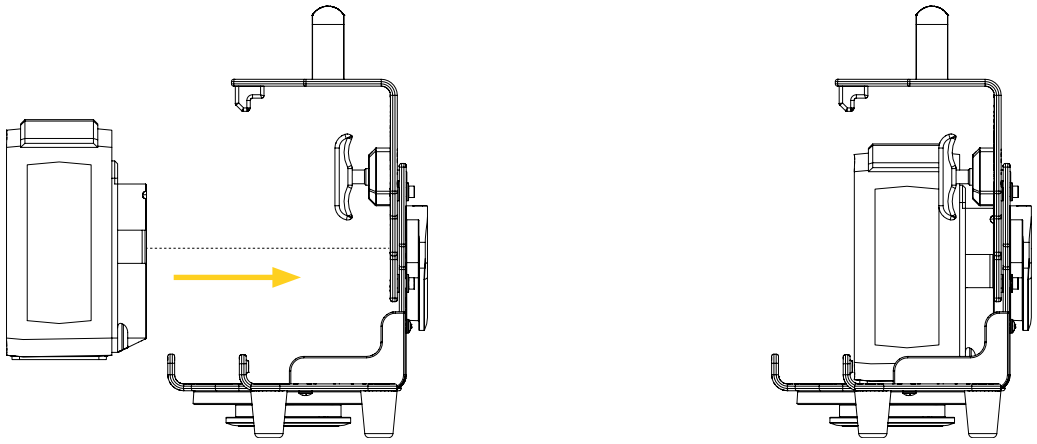


Figure 8: Installing the medical device in the BP75–FL MCD

4. Pull and hold the quick-release pin of the BP75–FL MCD (Figure 9A–1), push the mobile top plate downwards using the top handle until the pin has passed the height of the highest lock point (Figure 9A–2), then release the pin.
5. Push the mobile top plate downwards until the pin inserts itself and locks in the lowest lock point (Figure 9B).

(A) (B)

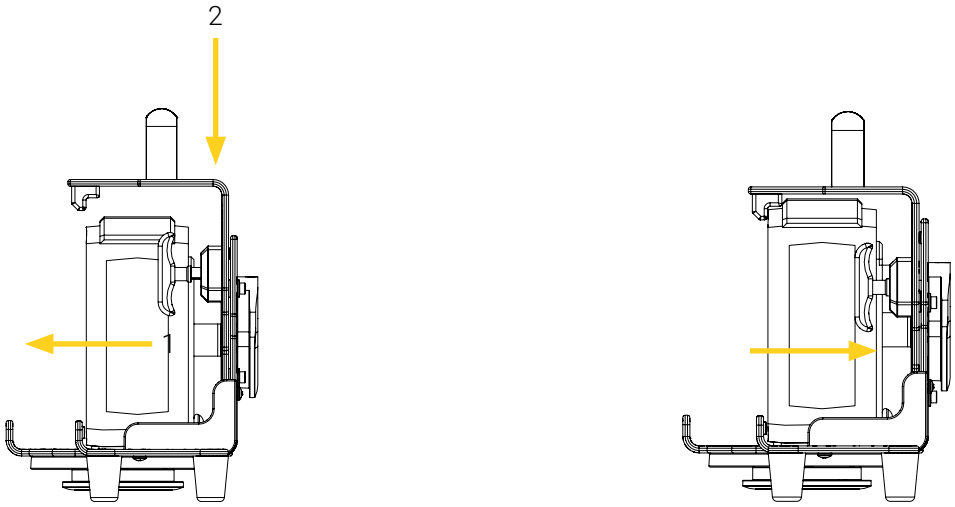


Figure 9: Locking the BP75–FL MCD in the retracted position

6. Pull/release the top handle a few time to ensure that the mounting bracket is correctly locked. If the mobile top plate of the bracket does not move during the verification, it is correctly locked and the medical device is secured.

The installation of the medical device in the BP75–FL MCD is complete.

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8.2. Remove the Medical Device from the BP75–FL MCD

1. Pull and hold the quick-release pin of the BP75–FL MCD (Figure 10A–1), lift the mobile top plate using the top handle (Figure 10A–2) until the pin has passed the height of the lowest lock point (Figure 10B–1), then release the pin (Figure 10B–2).
2. Lift the mobile top plate until the pin inserts itself and locks in the highest lock point (Figure 10C).

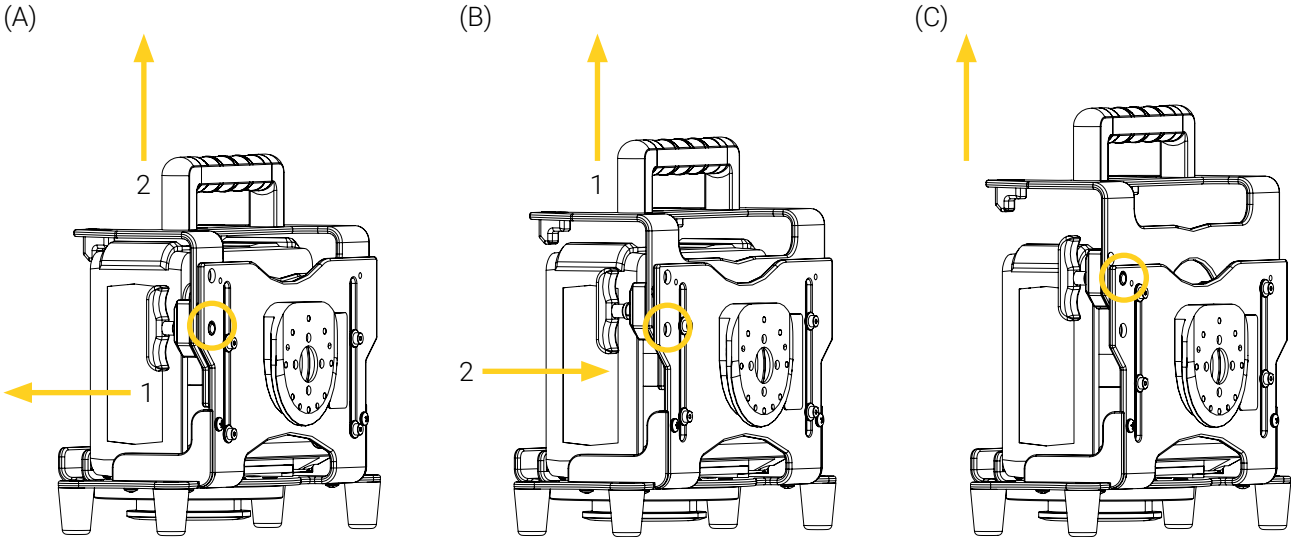


Figure 10: Unlocking and extending the BP75–FL MCD

3. Remove the medical device from the mounting bracket (Figure 11), then set it aside on a clean surface, or place it in its dedicated storage space. Refer to your established internal protocols if needed.

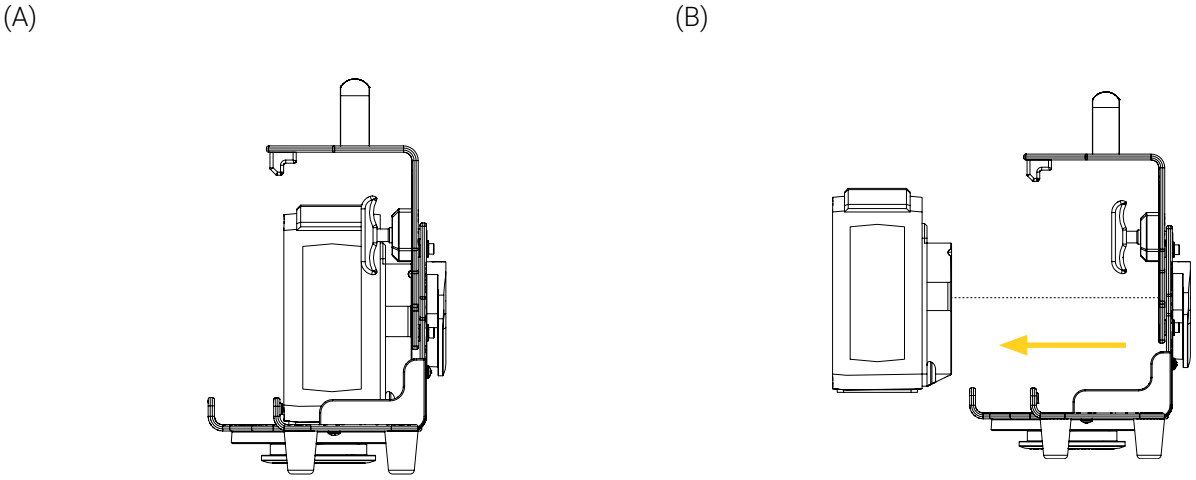


Figure 11: Removing the medical device from the BP75–FL MCD

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4. Pull and hold the quick-release pin of the mounting bracket (Figure 12A–1), push the mobile top plate downwards using the top handle (Figure 12A–2) until the pin has passed the height of the highest lock point (Figure 12B–1), then release the pin (Figure 12B–2).
5. Push the mobile top plate downwards until the pin inserts itself and locks in the lowest lock point (Figure 12C).

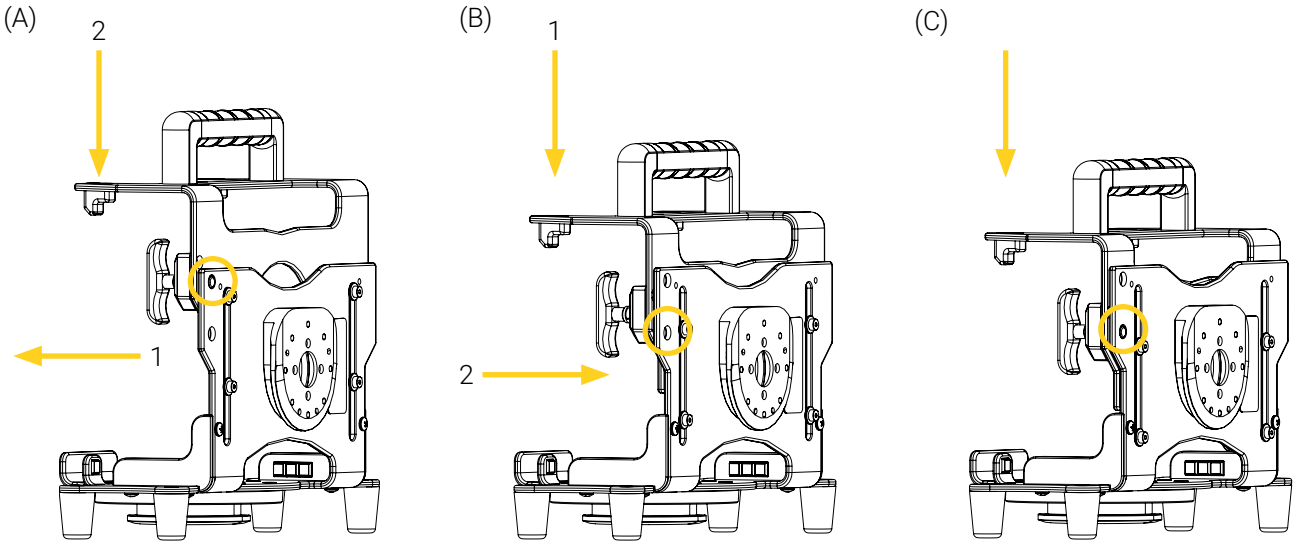


Figure 12: Locking the BP75–FL MCD in the retracted position

The removal of the medical device from the BP75–FL MCD is complete.

8.3. Install the Medical Device in the Mounting System

1. Align and insert the micro disc located under the mounting bracket of the medical device in the Micro Base horizontally (Figure 13) or the anti-rotation micro disc located at the back of the bracket in the base vertically (Figure 14) until it locks.

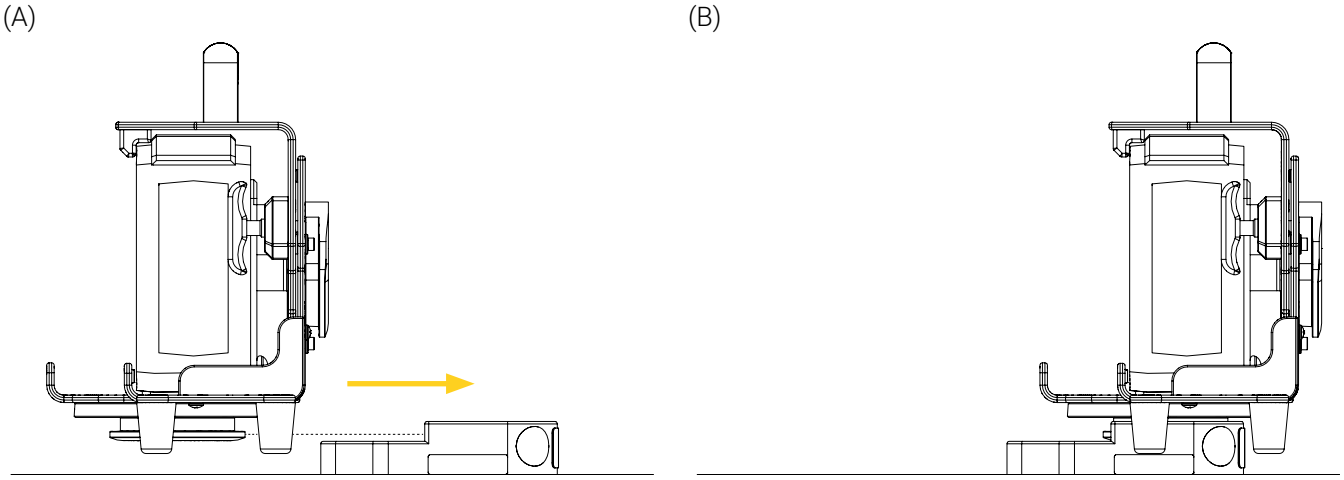


Figure 13: Installing the medical device in the mounting system horizontally

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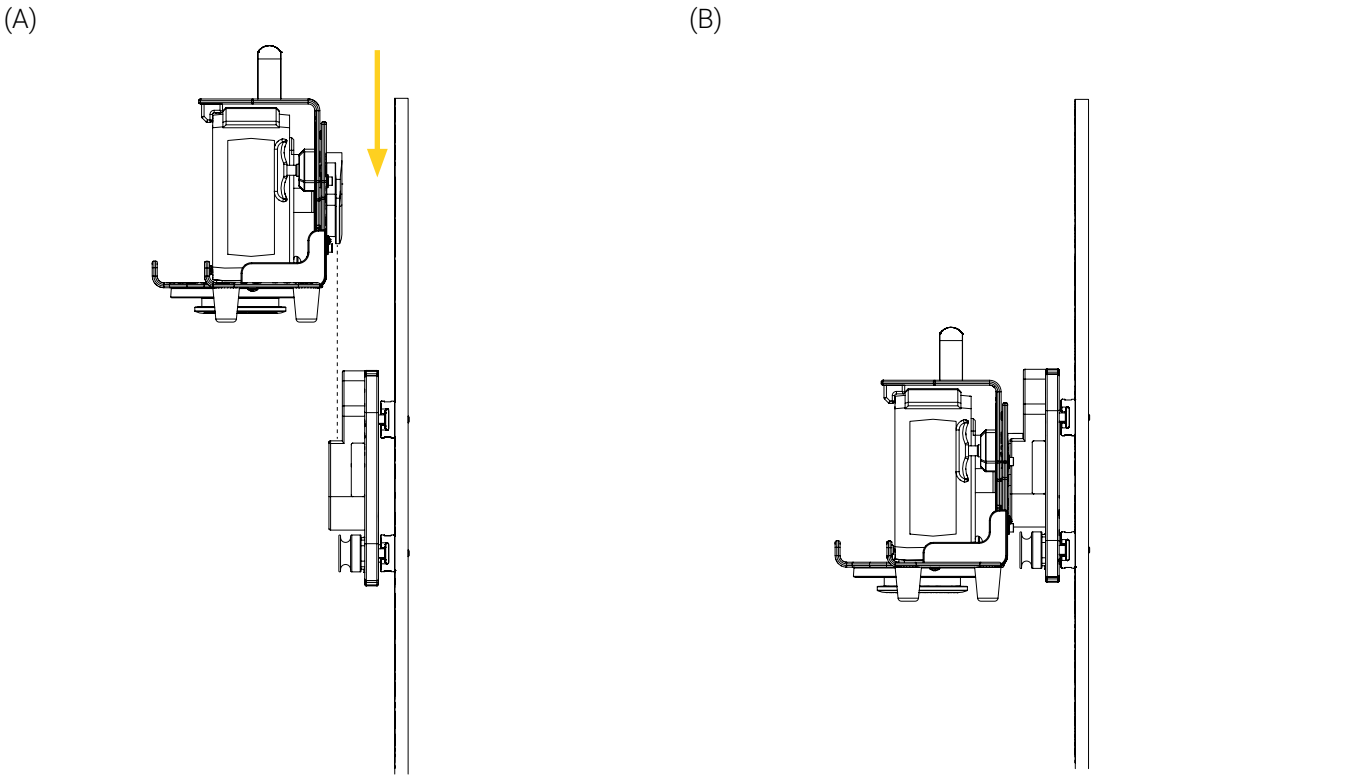


Figure 14: Installing the medical device in the mounting system vertically

2. Move the medical device back and forth or up and down a few times to ensure it is correctly locked and secured in the Micro Base. If the medical device stays in the base during the verification, it is correctly locked and secured.
3. For mounting brackets that have a bottom micro disc, turn the medical device up to 360° clockwise or counterclockwise to the desired position (Figure 15) using the top or front handle.

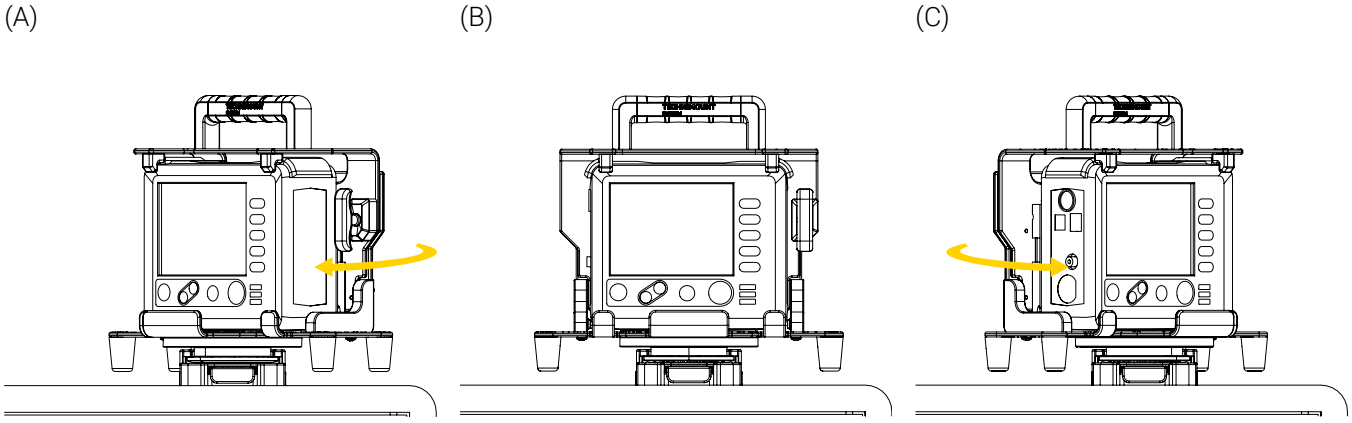


Figure 15: Rotating the medical device

The installation of the medical device in the mounting system is complete.

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8.4. Remove the Medical Device from the Mounting System

1. Press and hold the quick-release button of the Micro Base, then slide the micro disc located under the mounting bracket of the medical device out of the base horizontally (Figure 16) or the anti-rotation micro disc located at the back of the bracket out of the base vertically (Figure 17).

(A) (B)

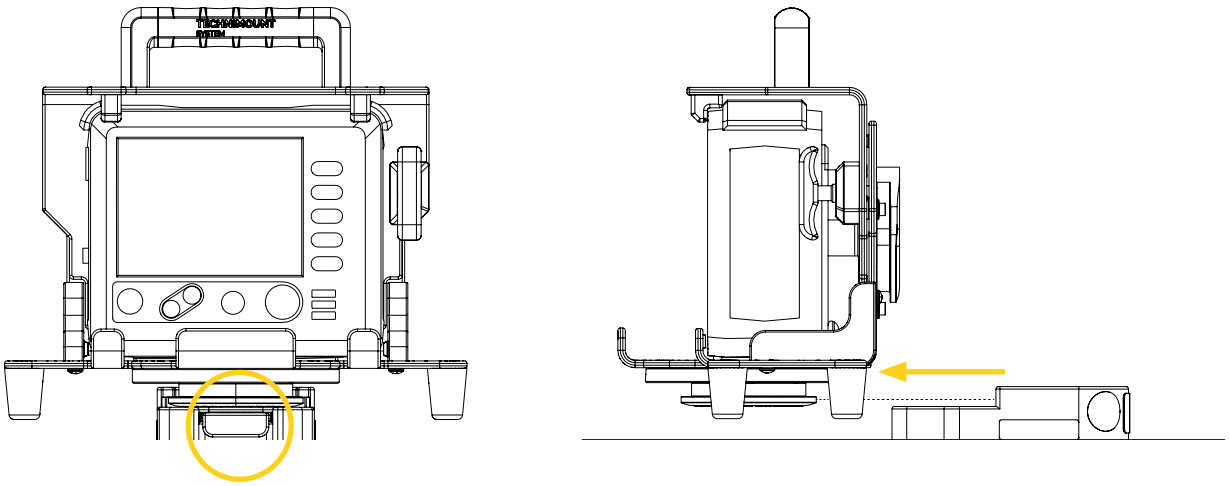


Figure 16: Removing the medical device from the mounting system horizontally

(A) (B)

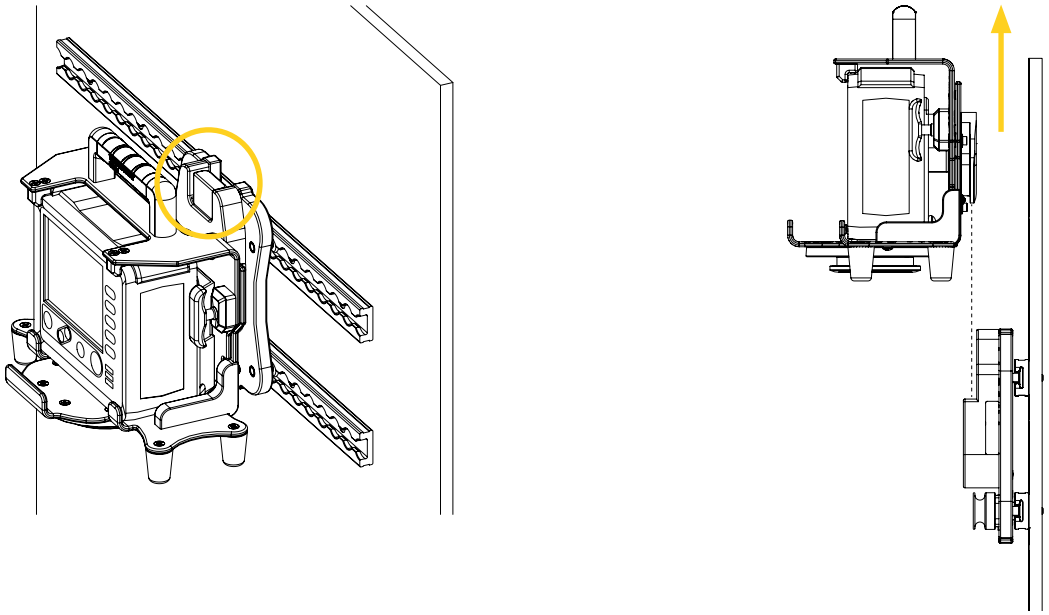


Figure 17: Removing the medical device from the mounting system vertically

2. 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 medical device from the mounting system is complete.

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Annex I Skills Assessment of the EMS and Clinical Personnel



The content in this section is intended for personnel who have a proficient 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 BP75–FL MCD. Consider adding the following to your internal training protocols.

Trainee name: _____ Unit: _____

Assessor name: _____ Date: _____

SKILLS ASSESSMENT		
SKILL CRITERIA	**PASSED**	**FAILED**
Labelling/Identification Markings		
- Able to identify meaning and potential risks associated with the different safety labels:		
- Manufacturing label	☐	☐
- Safe Working Load (SWL) label	☐	☐
Safety Measures		
- Knows that **under no circumstances** should the BP75–FL MCD be installed on, connected to, or used in combination with any third party/competitor mounting system, mounting bracket, medical device, or similar equipment.	☐	☐
- Knows that the BP75–FL MCD was specifically engineered to be used with the Philips Tempus LS defibrillator and that using any other medical device may cause the equipment to fall, operate unpredictably, or fail.	☐	☐
- Knows **not to put fingers/hands** on the telescoping frame when the BP75–FL MCD is being extended and/or retracted.	☐	☐
- Knows **not to use** the BP75–FL MCD if there are any loose or missing screws.	☐	☐
- Knows to immediately stop using the BP75–FL MCD if any serious incident occurs and to inform authorized personnel.	☐	☐
- Always wait until the transport vehicle is immobilized before manipulating installing/ removing the medical device in/from BP75–FL MCD.	☐	☐
- Knows to always ensure that the medical device is secured on the BP75–FL MCD before it is used.	☐	☐

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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 medical device in/from the BP75–FL MCD and/or the BP75–FL MCD on/from the mounting system.	☐	☐
- Knows to always pay close attention to the safety mechanism of the BP75–FL MCD.	☐	☐
- Knows to always practice safely operating the BP75–FL MCD until the manipulations have been perfected, before use with patients and that improper use of the mounting bracket may cause damage or the equipment to fall or operate unpredictably.	☐	☐
- Knows **not to overload or exceed** the total Safe Working Load (SWL) of the BP75–FL MCD.	☐	☐
- Knows that the Safe Working Load (SWL) of the BP75–FL MCD **does not override** the maximum load capacity of another Technimount product or system, neither those of the medical device.	☐	☐
- 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 BP75–FL MCD, the mounting system and the medical device.	☐	☐
Operation		
- Able to install/remove the medical device in/from the BP75–FL MCD.	☐	☐
- Able to install/remove the medical device in/from the mounting system.	☐	☐
- Able to rotate the medical device.	☐	☐

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Annex II Unpack the BP75–FL MCD



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 items included in the shipping box(es), then set it/them aside.
6. Inspect the items for signs of damage. Take pictures and report them promptly if applicable.

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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 BP75–FL MCD, 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 33). 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.).

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CAUTION – Corrosion

- Always rinse and dry the BP75–FL MCD 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 BP75–FL MCD in optimal conditions.
- Decontaminate the BP75–FL MCD as recommended in your established internal protocols, as well as the regulations and standards in virtue of the infection prevention and control procedures.

Customer-Provided Tools

- Clean and dry cloth
- Soft brush
- Pressure washer
- Cleaning solutions
- Phillips-head screwdriver #2
- Medium strength thread lock adhesive ( )

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

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Maintenance Plan

1. Check the boxes upon completion of the « Safety Checks » section on page 29 and the « Condition-Based Maintenance » section on page 30, then add your comments and/or observations in the « Maintenance Log » section on page 31 if needed. In case of a non-conformity, immediately stop using the BP75–FL MCD and contact Technical Support at techsupport@technimount.com for a remedial action plan.
2. Keep records of your maintenance activities.

SAFETY CHECKS	CHECKED

BP75–FL MCD (Figure 18)

- Visually inspect all the components of the BP75–FL MCD 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, tighten them using a Phillips-head screwdriver #2 and medium strength thread lock adhesive ( ).
- Visually inspect all the components of the BP75–FL MCD 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 30 if needed.*
- Pull/release the quick-release pin of the BP75–FL MCD a few time to ensure proper functioning of the safety mechanism. ☐
  - *If a resistance is felt when the pin is pulled, there is a non-conformity.*
  - *If the pin does not return to its initial position easily when it is released, there is a non-conformity.*
- Lift/lower the mobile top plate of the BP75–FL MCD a few times to ensure proper functioning of the mounting bracket. ☐
  - *If the mounting bracket does not easily extend/retract when the quick-release pin is pulled and held and that the top handle is pulled/pushed down and/or a resistance is felt when doing so, there is a non-conformity.*
- Install/remove the medical device in/from the BP75–FL MCD a few times to ensure proper functioning of the safety mechanism of the mounting system. ☐
  - *If the mounting system does not secure the medical device when the top handle is pushed downwards and that the bracket is locked in the retracted position, there is a non-conformity.*
  - *If the mounting system does not unlock when the quick-release pin is pulled ans held and that the top handle is pulled upwards, there is a non-conformity.*

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SAFETY CHECKS	CHECKED

- Install/remove the BP75–FL MCD in the Micro Base a few times to ensure proper functioning of the safety mechanism of the base. ☐
  - *If the micro disc located under the mounting bracket of the medical device does not easily insert in the horizontal 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.*
  - *If the anti-rotation micro disc located at the back of the mounting bracket of the medical device does not easily insert in the vertical 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 BP75–FL MCD in the horizontal Micro Base and turn it clockwise and counterclockwise a few times to ensure proper functioning of the mounting bracket's mechanism. ☐
  - *If the mounting bracket does not easily rotate and/or a resistance is felt when doing so, there is a non-conformity.*
- Visually inspect the manufacturing label to ensure that specifications are still legible and that the BP75–FL MCD 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 specifications are illegible and/or the estimated period of safe and reliable use has passed, there is a non-conformity.*

CONDITION-BASED MAINTENANCE	CHECKED

Clean the BP75–FL MCD, 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 BP75–FL MCD 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.

Clean the mounting bracket and Micro Base, after you have completed the safety checks and the condition-based maintenance of the BP75–FL MCD. Refer to their respective User Manuals if needed. ☐

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MAINTENANCE LOG

Add your comments and/or observations, after you have completed the safety checks and condition-based maintenance, if needed:

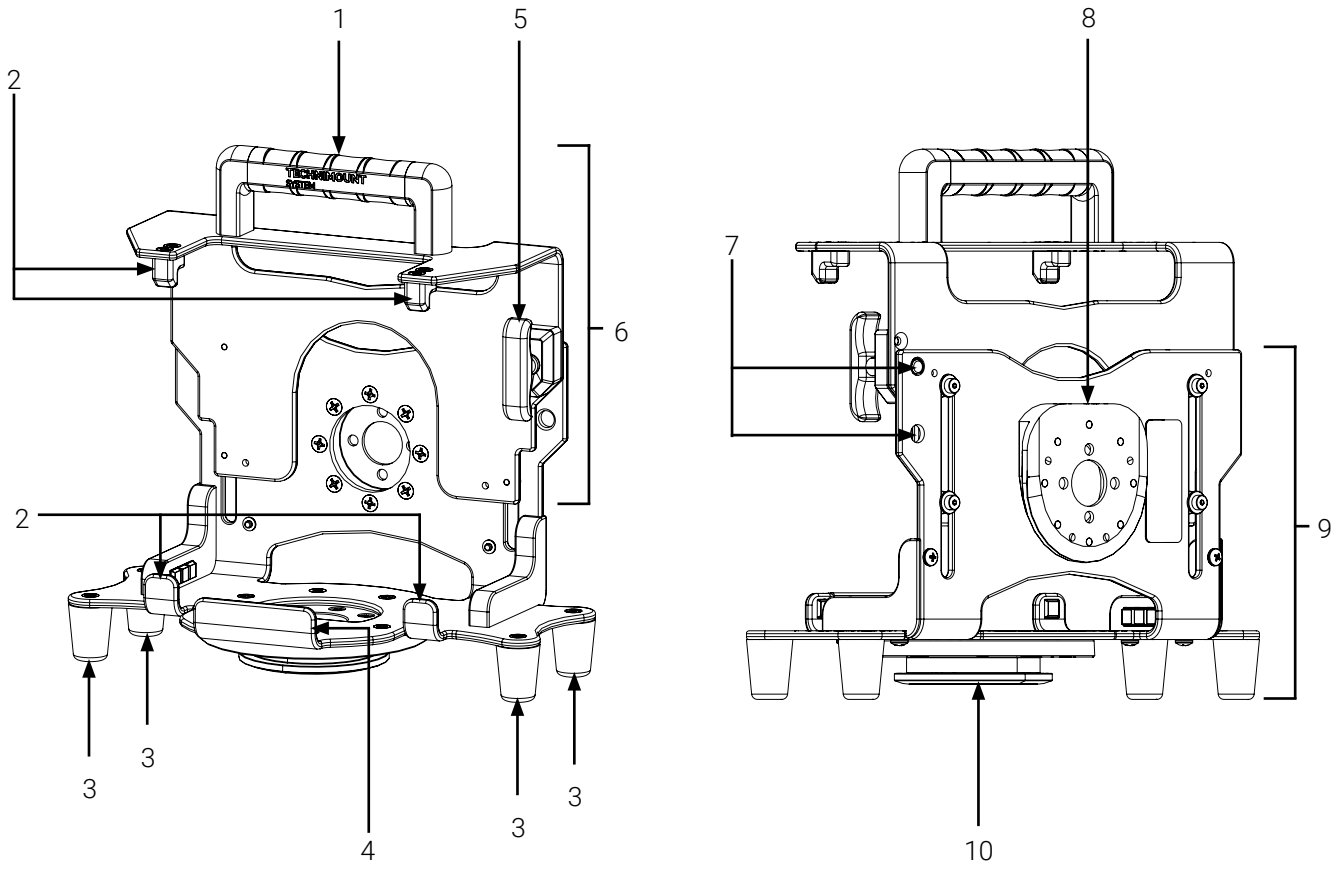
Maintenance plan completed on (dd/mm/yyyy): _____

Maintenance plan completed by: _____

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Illustrated Inspection Points

Figure 18 illustrates the inspection points of the BP75–FL MCD.



1. Top handle	6. Mobile top plate
2. Retainer (4X)	7. Lock point (2X)
3. Foot (4X)	8. Anti-rotation micro disc
4. Front handle	9. Fixed bottom plate
5. Spring-loaded quick-release pin	10. Micro disc

Figure 18: Illustrated inspection points

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Annex IV Replacement Parts/Kits



The content in this section is intended for personnel who have a proficient or 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 18, #3	923-00-1282-INS	1-$^{9}/_{32}$ in. acetal foot	Refer to the IN-RPRC-202605EN-04 replacement procedure
N/A	976-00-LS-RDT	EPDM Foam kit	Refer to the « 976-00-LS-RDT EPDM Foam Kit Replacement Procedure » section on page 34

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Annex V 976-00-LS-RDT EPDM Foam Kit Replacement Procedure

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

Estimated Installation Time

5 minutes

Required Parts

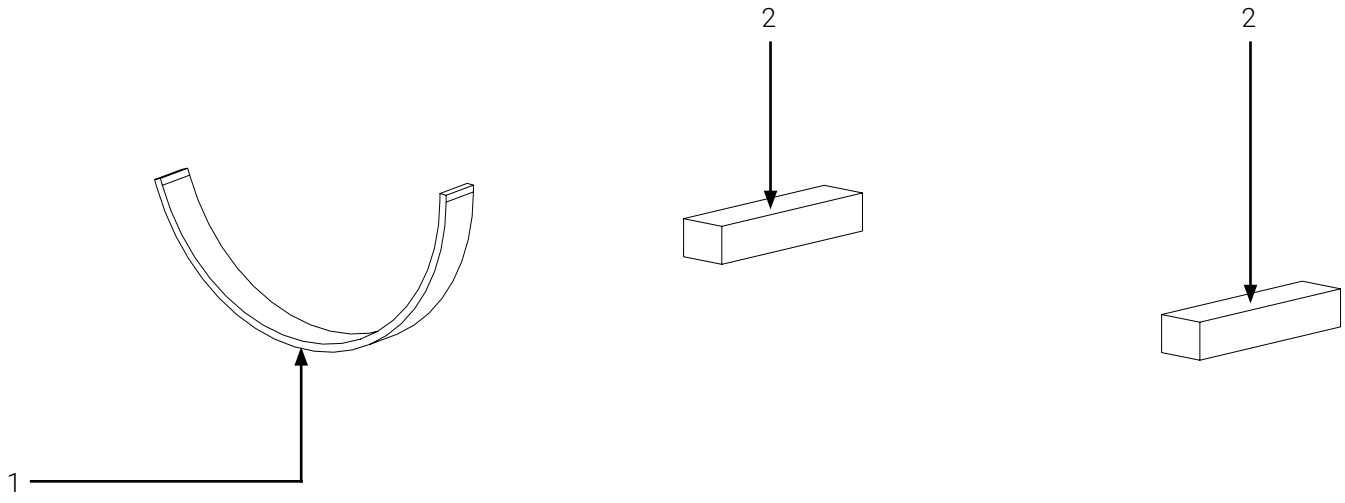
- BP75–FL MCD – 321-11-LS-FL-MCD
- EPDM Foam kit – 976-00-LS-RDT:
  - 4 1/8 in. L silicone strip – TCM-046-005
  - 3/8 in. X 1/2 in. X 2 in. EPDM foam block – TCM-046-004 (2X)

Customer-Provided Tools

- None required.

Replacement Procedure

1. Identify the replacement parts included in the EPDM foam kit (Figure 19).



1. 4 1/8 in. L silicone strip – TCM-046-005	2. 3/8 in. X 1/2 in. X 2 in. EPDM foam block – TCM-046-004 (2X)

Figure 19: Replacement parts

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2. Remove the damaged silicone strip located under the anti-rotation micro disc (Figure 20). The strip will **not** be reused. Refer to your established internal protocols and the environmental laws that apply to your jurisdiction for the proper disposal of the part.

(A) (B)

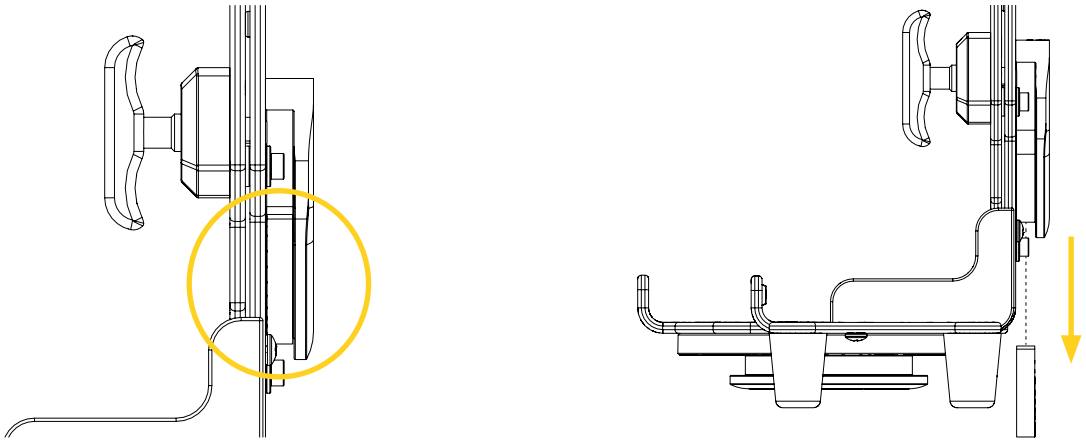


Figure 20: Removing the damaged silicone strip

3. Remove the two (2) EPDM foam blocks located behind the retainers of the mobile top plate (Figure 21). The foams will **not** be reused. Refer to your established internal protocols and the environmental laws that apply to your jurisdiction for the proper disposal of the parts.

(A) (B)

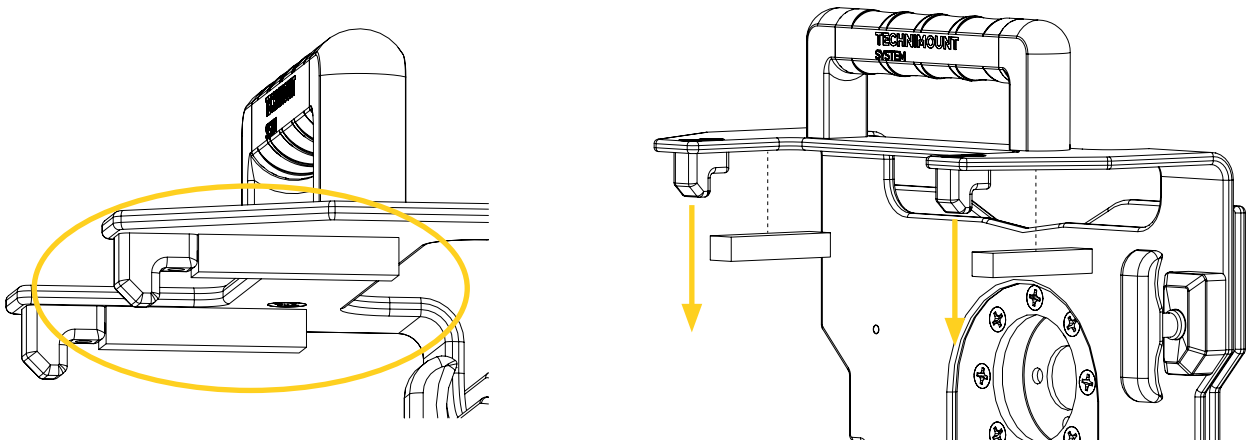


Figure 21: Removing the damaged EPDM foam blocks

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4. Remove the protective film, then align and stick the new 4 1/8 in. L silicone strip under the anti-rotation micro disc (Figure 22).

(A) (B)

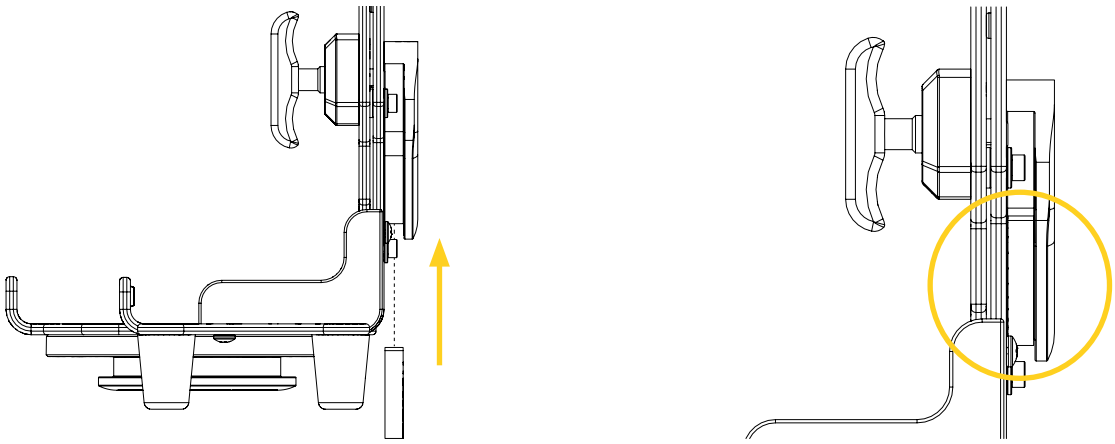


Figure 22: Installing the new silicone strip

5. Remove the protective films, then align and stick the two (2) new 3/8 in. X 1/2 in. X 2 in. EPDM foam blocks behind the retainers of the mobile top plate (Figure 23).

(A) (B)

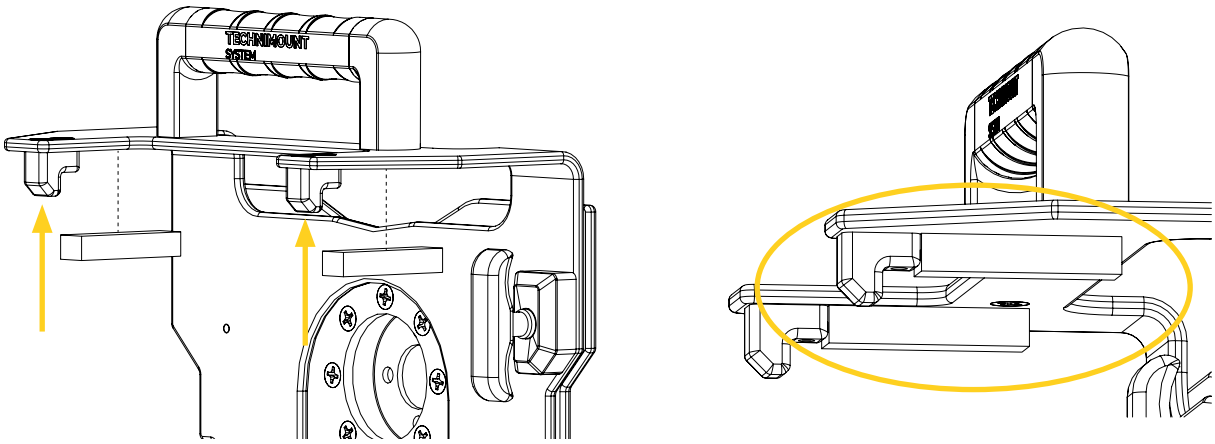


Figure 23: Installing the new EPDM foams

The silicone strip and EPDM foam blocks of replacement kit 976-00-LS-RDT have been replaced.

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