



TECHNIMOUNT
MEDICAL®

UNIVERSAL MOUNTING BASE™

USER MANUAL



MAKING HEALTHCARE PRACTICES
MORE EFFICIENT

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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 clinical staff, as well as specific user-related information to safely and effectively operate the Universal Mounting Base.

Please read the user manual thoroughly to fully assess, comprehend, then relay its content to clinical staff 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 Universal Mounting Base is a mounting system designed to aid trained clinical staff secure and transport medical devices and accessories in hospitals and clinics.

1.2. User Competency

To safely operate the Universal Mounting Base, personnel must have the required skill level to comply with their function and level of interaction with the mounting system. Training should be given to clinical staff prior to them using the Universal Mounting Base. Refer to the « Skills Assessment of the Clinical Staff » 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 clinical staff):** 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 Clinical Staff » section on page 24).

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

- **Proficient (administrator/manager/supervisor):** Has in-depth knowledge and product comprehension, and is familiar with standards and guidelines. Skilled to train the clinical staff 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 Medical 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

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 system" or "base", is specifically designed to secure and transport medical devices and accessories, 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 »).

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 » table on page 7) 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 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 clinical staff, 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 « Identification Labels » section on page 10.

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 clinical staff, 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, clinical staff, 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 clinical staff. 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.



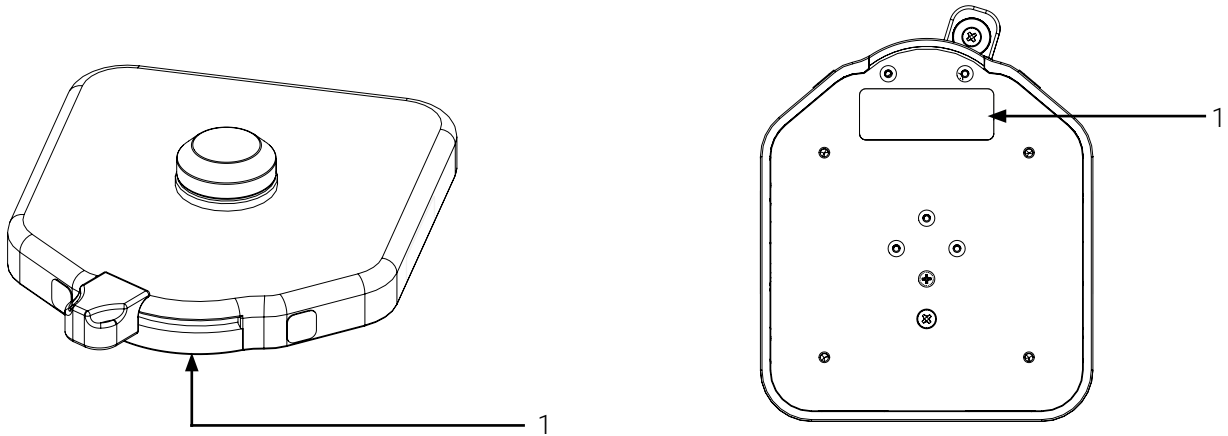
CAUTION – Follow Instructions for Use

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 the safe working load specifications (Figure 1), as well as identification labels (Figure 2), can be seen on the Technimount product.

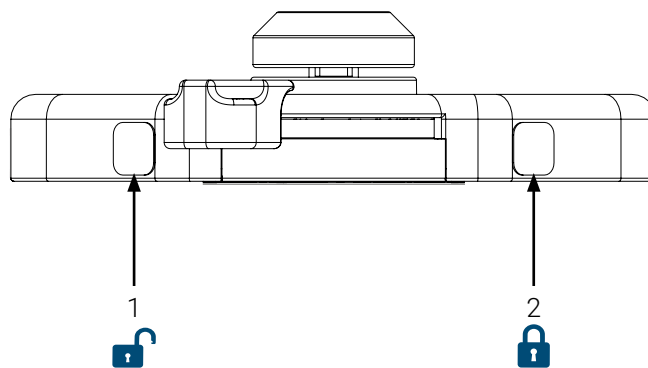
2.2.1. Manufacturing Label



1. Manufacturing label

Figure 1: Location of the manufacturing label

2.2.2. Identification Labels



1. "Unlock" label

2. "Lock" label

Figure 2: Location of the identification labels

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 35.



WARNING – Unauthorized Systems

- **Under no circumstances** should the Universal Mounting Base be installed on, connected to, or used in combination with any third party/competitor mounting system, base, bracket, or similar equipment, unless Technimount has provided a formal written confirmation of compatibility for the specific configuration.
- The Universal Mounting Base was engineered exclusively for use with approved 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 clinical staff.
- 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 14.
- 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 14), as well as the local and regional compliance requirements before use.

**CAUTION – Proper Installation**

- Technimount products should only be installed on rigid, structural surfaces that are suitable for their intended use, provided that all the applicable safety and structural requirements are met.
- Before installation, the mounting surface must be inspected and approved by qualified personnel (e.g., fleet maintenance, mechanical engineering, specialists, or regulatory-approved authorities) to ensure compliance with Technimount's specifications and instructions, the structural integrity of the supporting structure isn't compromised, the mounting surface can safely support all applied loads under normal use conditions, and that the installation won't interfere with other critical systems or safety equipment.
- Improper installations and/or installations on surfaces that haven't been inspected and approved by qualified personnel may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the clinical staff.
- Technimount assumes no responsibility for any damage, malfunction, or injury arising from improper installations and/or installations on surfaces that haven't been inspected and approved according to these requirements.
- Follow the installation instructions as detailed in the « Install the Universal Mounting Base on a Horizontal Surface » section on page 27, the « Install the Universal Mounting Base on a Flex Adapter Shelf » section on page 30, and/or the « Install the Universal Mounting Base on a Flex Adapter » section on page 33 for a safe and reliable installation of your Universal Mounting Base, to avoid risks that may cause the equipment to fall, operate unpredictably, or fail, resulting in serious injury to the patients or to the clinical staff.

**WARNING – Risk of Injury**

- **Do not use** the Universal Mounting Base for air and/or ground emergency medical services and critical care transport. The mounting bracket should only be used in hospitals and clinics.
- **Do not use** the Universal Mounting Base 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 clinical staff.
- Immediately stop using the Universal Mounting Base if any serious incident occurs and inform authorized personnel, to contact the Technical Support at technicalsupport@technimount.com for a remedial action plan and to report the incident to the applicable regulatory agency.

**CAUTION – Safe Handling and Operation**

- Always ensure that the mounting bracket is properly secured on the Universal Mounting Base 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 clinical staff.
- Always pay close attention **not to wedge** the power cords or tubing during the installation/removal of the mounting bracket on the Universal Mounting Base.

**CAUTION – Safe Practice**

- Always pay close attention to the safety mechanism of the Universal Mounting Base, 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 clinical staff. Follow the recommended maintenance plan and its guidelines, as described in this user manual.
- Always practice safely operating the Universal Mounting Base until the manipulations have been perfected, before use with patients. Improper use of the mounting system may cause damage or the equipment to fall or operate unpredictably, resulting in serious injury to the patients or to the clinical staff.

**CAUTION – Safe Working Load (SWL)/Load Balance**

- **Do not overload or exceed** the total Safe Working Load (SWL) of the Universal Mounting Base, to avoid tipping incidents or risks of collapsing. The chosen installation surface should withstand the weight of the base with the medical devices and accessories. Refer to the « Technical Specifications » section on page 14 for the SWL.
- The Safe Working Load (SWL) of the Universal Mounting Base **does not override** the maximum load capacity of another Technimount product or system, neither those of the medical devices, accessories and/or medical equipment accessories that could be placed in bags and drawers for example. 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 Universal Mounting Base, the mounting bracket, medical device and/or the accessory.

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	Universal Mounting Base
Description	Mounting system designed to secure and transport medical devices and accessories
Product Code	101-20-UN
Operating Environment	Hospitals/Clinics
Compliance	The applicable sections, tested in compliance with IEC 60601-1: 2005+A1:2012+A2:2020 (edition 3.2)
Expected Service Life	5 years
Compatible Mounting Systems	<ul style="list-style-type: none"> - Flex Adapter Shelf - Flex Adapter - THS product line - Auxiliary arms - Crash cart - Roll cart - Counter top - Wall mounts
Compatible Mounting Brackets	Mounting brackets with a standard bottom disc or medical bottom disc
Dimensions (W X D X H)	<ul style="list-style-type: none"> - Universal Mounting Base: 165.1 mm X 208.53 mm X 41.91 mm (6.5 in. X 8.21 in. X 1.65 in.) - Options: <ul style="list-style-type: none"> - Flex Adapter Shelf: 171.2 mm X 199.14 mm X 168.15 mm (6.74 in. X 7.84 in. X 6.62 in.) - Flex Adapter : 121.67 mm X 117.6 mm X 6.35 mm (4.79 in. X 4.63 in. X 0.25 in.)
Weight	<ul style="list-style-type: none"> - Universal Mounting Base: 1.01 kg (2.23 lb) - Options: <ul style="list-style-type: none"> - Flex Adapter Shelf: 2.12 kg (4.68 lb) - Flex Adapter : 0.15 kg (0.32 lb)
Composition	<ul style="list-style-type: none"> - Universal Mounting Base: Aluminum - Options: <ul style="list-style-type: none"> - Flex Adapter Shelf: Steel - Flex Adapter : Aluminum
Total Safe Working Load (SWL)	10.89 kg (24 lb)

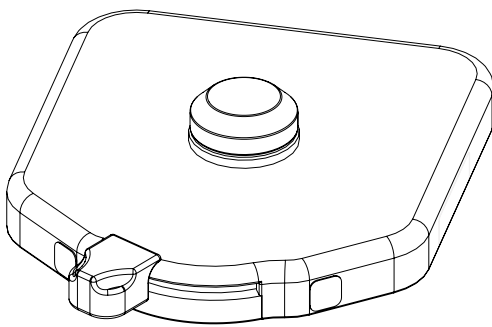
Operating Temperature	- 35° C to 45° C (- 31° F to 113° F)
Tested and Approved Cleaning Solutions	<ul style="list-style-type: none">- Oxivir, 5% Hydrogen Peroxide with Peracetic Acid (AHP)- Lavo 12, 10 000 ppm Sodium Hypochlorite- TNT-100, 5% Quaternary Ammonium Compound- Spectro-Sept, 5% Ethyl Alcohol- Spectrol, 5% EDTA salt
Options	<ul style="list-style-type: none">- Flex Adapter Shelf – 830-00-UN-06- Flex Adapter – 603-00-WMA-GCX

4. Orientation Illustrations

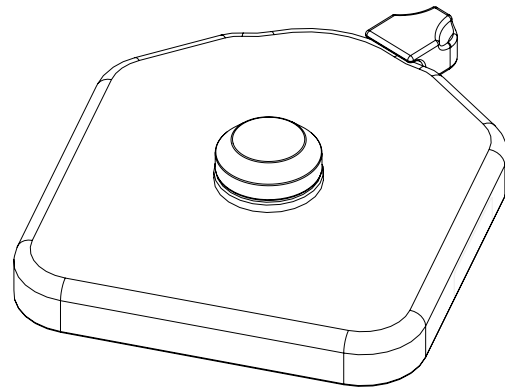


The content in this section is intended for personnel who have a competent, proficient or advanced level of competency. Refer to the « User Competency » section on page 5 if needed.

NOTE : The orientations referenced herein are from the clinical staff's standpoint, when facing the Universal Mounting Base.



Front of the mounting system



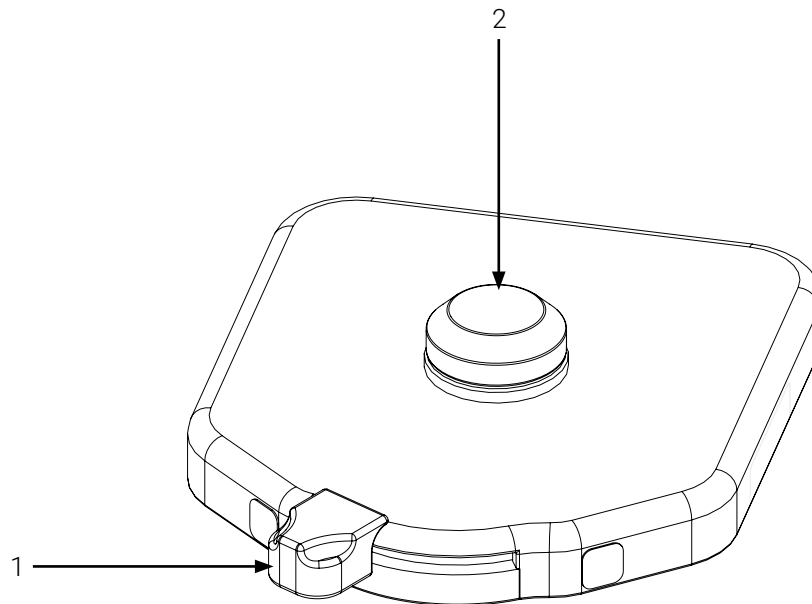
Back of the mounting system

Figure 3: Universal Mounting Base 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.



1. Slide locking lever

2. Locking disc

Figure 4: Universal Mounting Base components

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.

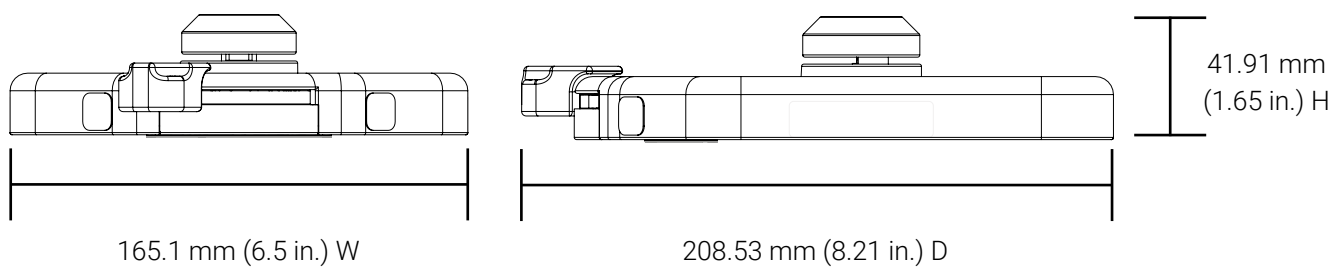




Figure 5: Universal Mounting Base dimensions

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 slide locking lever of the Universal Mounting Base activates and deactivates the locking disc. When the locking disc is activated, it moves towards the back of the base and inserts in the mounting bracket, which then locks on the base. When the locking disc is deactivated, it re-centers itself and liberates the disc from the mounting bracket. Once unlocked, the mounting bracket can be removed from the base.

- **To lock** the mounting system, move the slide locking lever towards the right in the locked position  (Figure 6 A).
- **To unlock** the mounting system, move the slide locking lever towards the left in the unlocked position  (Figure 6 B).

NOTE : Refer to the « Technical Specifications » section on page 14 for the compatible mounting brackets and to the « Safety Measures » section on page 11 if needed.

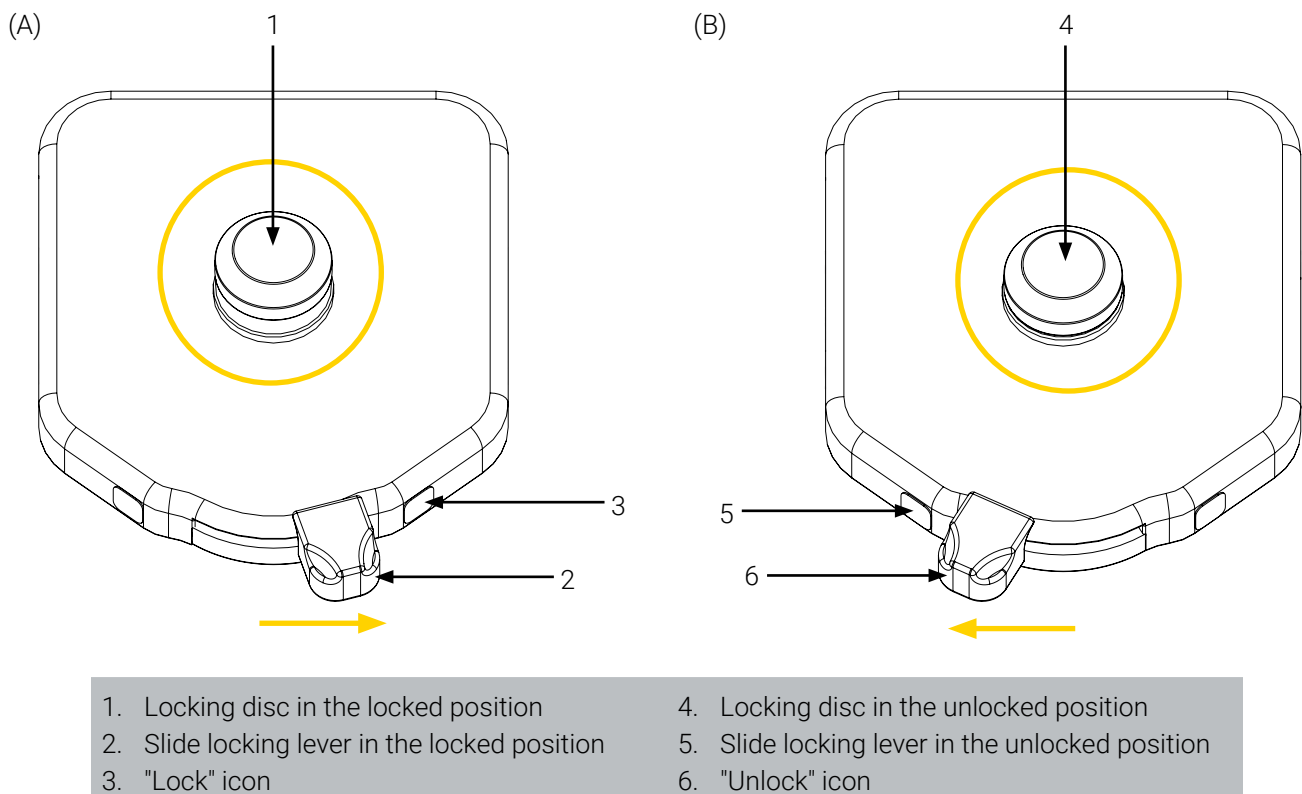


Figure 6: Universal Mounting Base safety mechanism

8. Operate the Universal Mounting Base



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 illustration herein are for user-comprehension purposes and may differ from your actual configuration. The instructions apply to any compatible mounting bracket and medical device. Refer to their user documentation for the safety guidelines and safe use, if needed.

8.1. Install the Mounting Bracket on the Universal Mounting Base

1. Unlock the Universal Mounting Base using slide locking lever (Figure 7) or skip to step 2. Refer to the « Safety Mechanism » section on page 19 if needed.

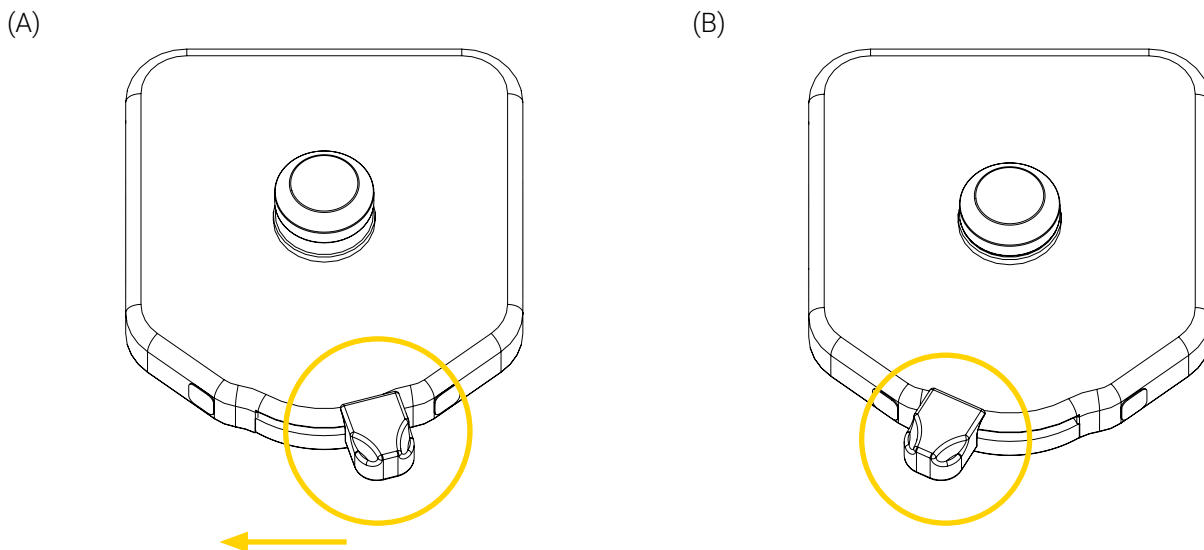


Figure 7: Unlocking the Universal Mounting Base

2. Ensure that the medical device is properly secured in the mounting bracket. Refer to the mounting bracket's user documentation if needed.

3. Align and place the mounting bracket vertically on the base, ensuring to insert the locking disc in the bracket (Figure 8).

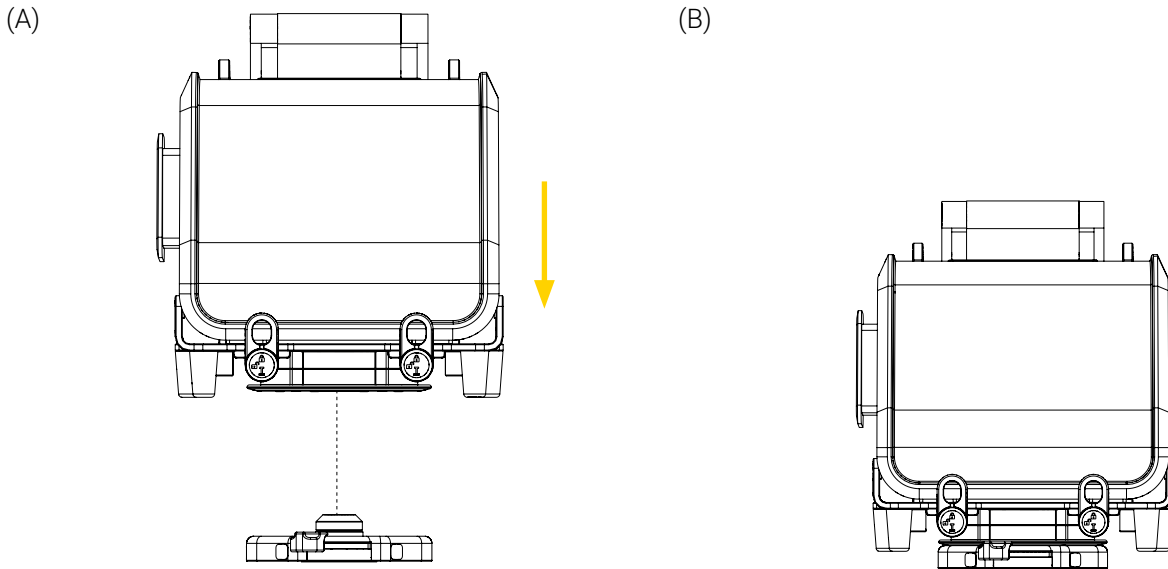


Figure 8: Installing the mounting bracket on the Universal Mounting Base

4. Lock the base using the slide locking lever (Figure 9). Refer to the « Safety Mechanism » section on page 19 if needed.

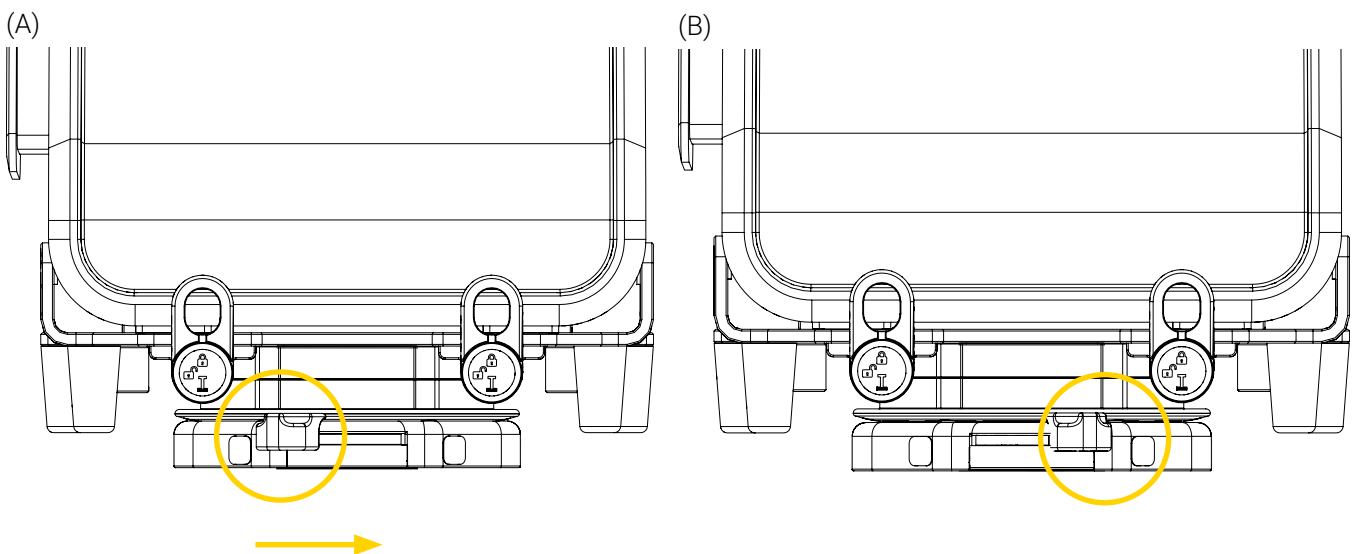


Figure 9: Locking the mounting bracket on the Universal Mounting Base

5. Move the mounting bracket up and down a few times to ensure it is locked and secured on the base. If the bracket stays in the base after the verification, it is locked and secured.
6. Turn the bracket up to 360° clockwise or counterclockwise to the desired position (Figure 10). Refer to the mounting bracket's user documentation if needed.

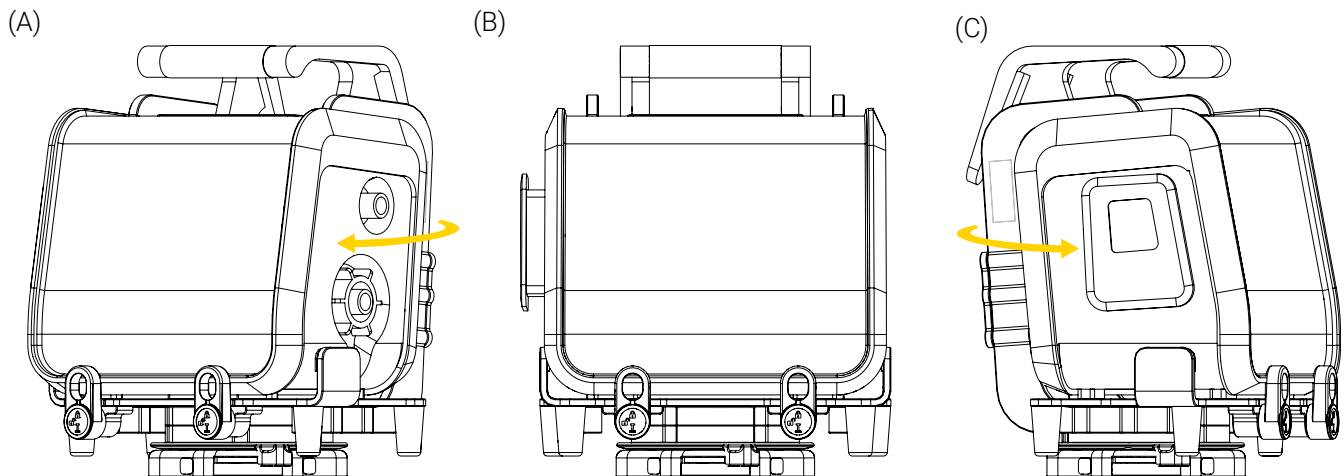


Figure 10: Rotating the mounting bracket on the Universal Mounting Base

The installation of the mounting bracket on the Universal Mounting Base is complete.

8.2. Remove the Mounting Bracket from the Universal Mounting Base

1. Unlock the Universal Mounting Base using slide locking lever (Figure 11). Refer to the « Safety Mechanism » section on page 19 if needed.

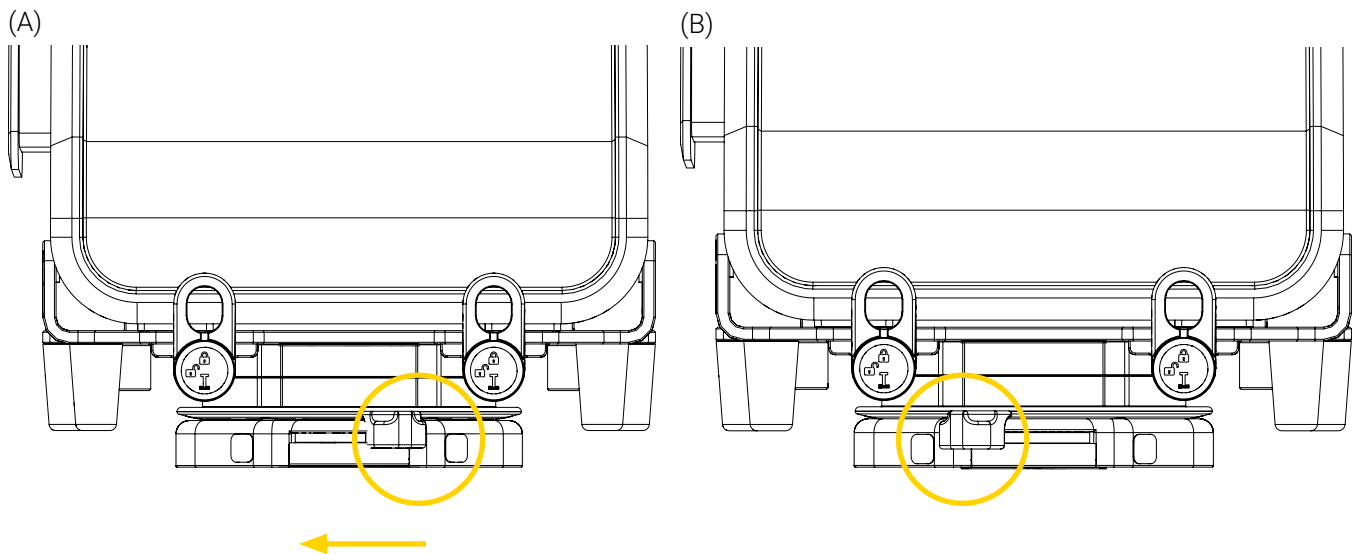


Figure 11: Unlocking the Universal Mounting Base

- Lift the mounting bracket vertically to remove it from the base (Figure 12).

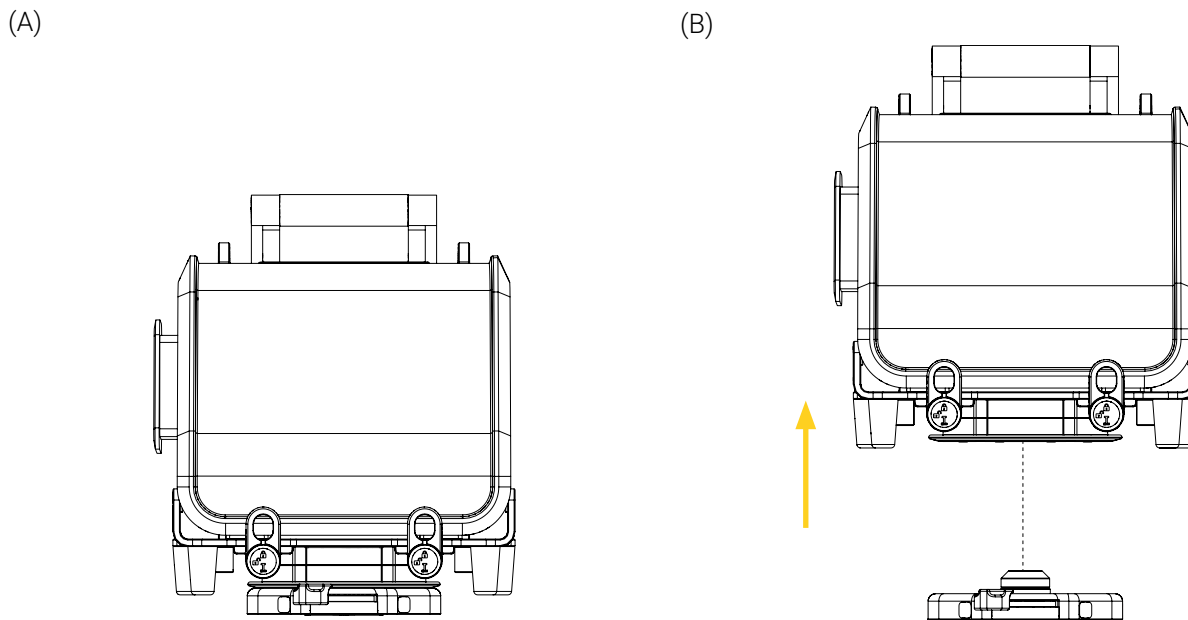


Figure 12: Removing the mounting bracket from the Universal Mounting Base

- Set the 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 mounting bracket from the Universal Mounting Base is complete.

Annex I Skills Assessment of the Clinical Staff



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.

Following training, a skills assessment should be given to each member of the clinical staff 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 Universal Mounting Base. 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) PASSED FAILED
 - "Lock" and "Unlock" identification labels PASSED FAILED

Safety Measures

- Knows that **under no circumstances** should the Universal Mounting Base be installed on, connected to, or used in combination with any third party/competitor mounting system, base, mounting bracket, or similar equipment. PASSED FAILED
- Knows that the Universal Mounting Base was engineered exclusively for use with approved Technimount components and systems and that using any unauthorized and/or incompatible system may cause the equipment to fall, operate unpredictably, or fail. PASSED FAILED
- Knows **not to use** the Universal Mounting Base for air and/or ground emergency medical services and critical care transport. PASSED FAILED
- Knows **not to use** the Universal Mounting Base if there are any loose or missing screws. PASSED FAILED
- Knows to immediately stop using the Universal Mounting Base if any serious incident occurs and to inform authorized personnel. PASSED FAILED
- Knows to always ensure that the mounting bracket is properly secured on the Universal Mounting Base before it is used. PASSED FAILED
- Knows to always pay close attention **not to wedge** the power cords or tubing during the installation/removal of the mounting bracket on the Universal Mounting Base. PASSED FAILED

SKILLS ASSESSMENT

SKILL CRITERIA	PASSED	FAILED
- Knows to always pay close attention to the safety mechanism of the Universal Mounting Base.	<input type="checkbox"/>	<input type="checkbox"/>
- Knows to always practice safely operating the Universal Mounting Base until the manipulations have been perfected, before use with patients and that improper use of the mounting system may cause damage or the equipment to fall or operate unpredictably.	<input type="checkbox"/>	<input type="checkbox"/>
- Knows not to overload or exceed the total Safe Working Load (SWL) of the Universal Mounting Base.	<input type="checkbox"/>	<input type="checkbox"/>
- Knows that the Safe Working Load (SWL) of the Universal Mounting Base does not override the maximum load capacity of another Technimount product or system, neither those of the medical devices, accessories and/or medical equipment accessories that could be placed in bags and drawers for example.	<input type="checkbox"/>	<input type="checkbox"/>
- Knows to always refer to their established internal protocols, as well as read and abide by the safety guidelines and instructions provided in the Universal Mounting Base, the mounting bracket, medical device and/or the accessory.	<input type="checkbox"/>	<input type="checkbox"/>
Operation		
- Able to install/remove the mounting bracket on/from the Universal Mounting Base.	<input type="checkbox"/>	<input type="checkbox"/>
- Able to rotate the mounting bracket on the Universal Mounting Base. Refer to the mounting bracket's user documentation if needed.	<input type="checkbox"/>	<input type="checkbox"/>

Annex II Unpack the Universal Mounting Base



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. Refer to the « Install the Universal Mounting Base on a Horizontal Surface » section on page 27, the « Install the Universal Mounting Base on a Flex Adapter Shelf » section on page 30 and/or the « Install the Universal Mounting Base on a Flex Adapter » section on page 33 for the required parts, depending on your configuration.
6. Inspect the item(s) for signs of damage. Take pictures and report them promptly if applicable.

Annex III Install the Universal Mounting Base on a Horizontal Surface



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.



WARNING – Risk of Injury

Always wear/use the appropriate Personal Protection Equipment (PPE) based on your established internal protocols (e.g., gloves, eyewear, etc.) during the installation.

NOTE : The illustration herein are for user-comprehension purposes and may differ from your actual configuration. The instructions apply to any installation on a horizontal surface.

Estimated Installation Time

5 minutes

Included Parts

- Universal Mounting Base – 101-20-UN
- Drilling template. Refer to the « Drilling Template – Installation of the Universal Mounting Base on a Horizontal Surface » section on page 41.

TIP! Although using a drilling template is not mandatory, it facilitates the installation.

Customer-provided Tools/Hardware

- 13/64 in. D drill bit
- Drill
- 10-32 in. stainless steel screws (4X). The length of the screws will depend on the depth of the installation surface
- Vacuum cleaner or compressed air
- Marker or punch
- Screwdriver. The screwdriver will depend on the installation surface
- Medium strength thread lock adhesive (🔩)

Installation Procedure

1. Assess the area of installation to ensure that the chosen installation surface meets the safety and installation requirements. Refer to the « Safety Measures » section on page 11 if needed.
2. Ensure the area of installation is large enough to rotate the mounting bracket and medical device up to 360° clockwise or counterclockwise when they are installed on the Universal Mounting Base (Figure 13). The clearance needed will depend on the size of the medical device and its mounting bracket, where the mounting system is positioned and its surroundings.

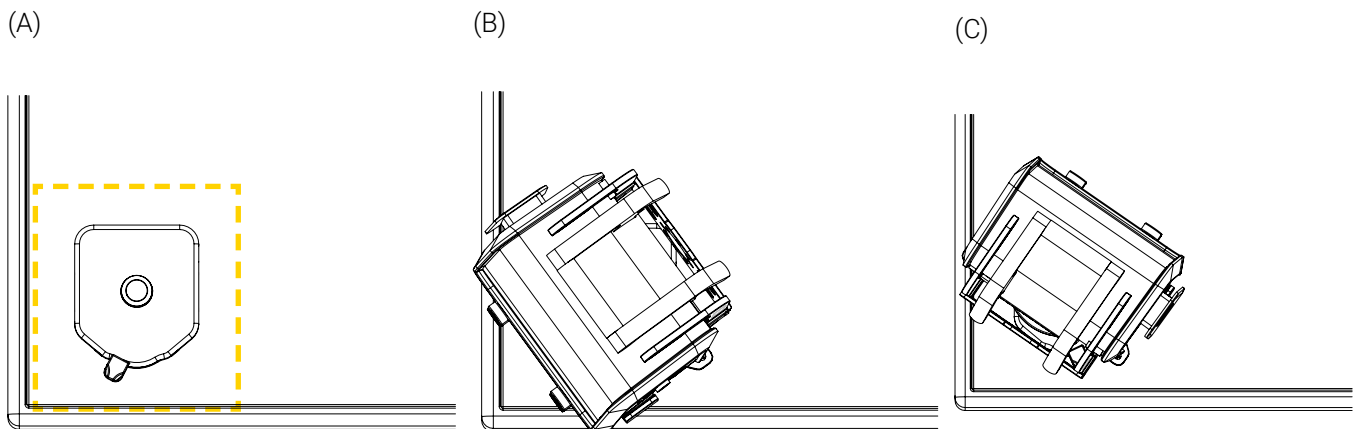


Figure 13: Perimeter clearance

3. Place the drilling template on the horizontal surface, then mark the drilling screw holes on the surface using a marker or punch.
4. Remove the drilling template and drill four (4) holes perpendicularly, using a drill and 13/64 in. D drill bit.
5. Pick up the debris and dust the surface using a vacuum cleaner or compressed air.
6. Visually inspect each hole to ensure they are the required depth and debris/dust-free.

7. Place the Universal Mounting Base on top of the installation surface (Figure 14), align the drilling holes, then tighten the four (4) 10-32 in. stainless steel screws coated with medium strength thread lock adhesive (🔩) from under the installation surface in a cross-pattern using the appropriate screwdriver.

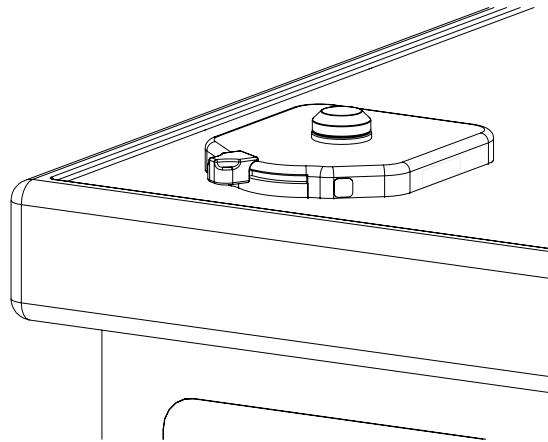


Figure 14: Installation of the Universal Mounting Base on a counter top/crash cart

8. Move the base back and forth and from side to side to ensure it is properly secured on the installation surface. If the base does not move after the verification, it is properly secured.

The installation of the Universal Mounting Base on a horizontal surface is complete.

Annex IV Install the Universal Mounting Base on a Flex Adapter Shelf



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.



WARNING – Risk of Injury

Always wear/use the appropriate Personal Protection Equipment (PPE) based on your established internal protocols (e.g., gloves, eyewear, etc.) during the installation.

Estimated Installation Time

5 minutes

NOTE : The illustration herein are for user-comprehension purposes and may differ from your actual configuration. The instructions apply to any installation on a horizontal surface.

Included Parts/Hardware

- Universal Mounting Base – 101-20-UN
- Flex Adapter Shelf – 830-00-UN-06
- 10-32 in. X 1/2 in. L flat head screw (4X)
- Drilling template. Refer to the « Drilling Template – Installation of the Universal Mounting Base on a Flex Adapter Shelf » section on page 43.

TIP! Although using a drilling template is not mandatory, it facilitates the installation.

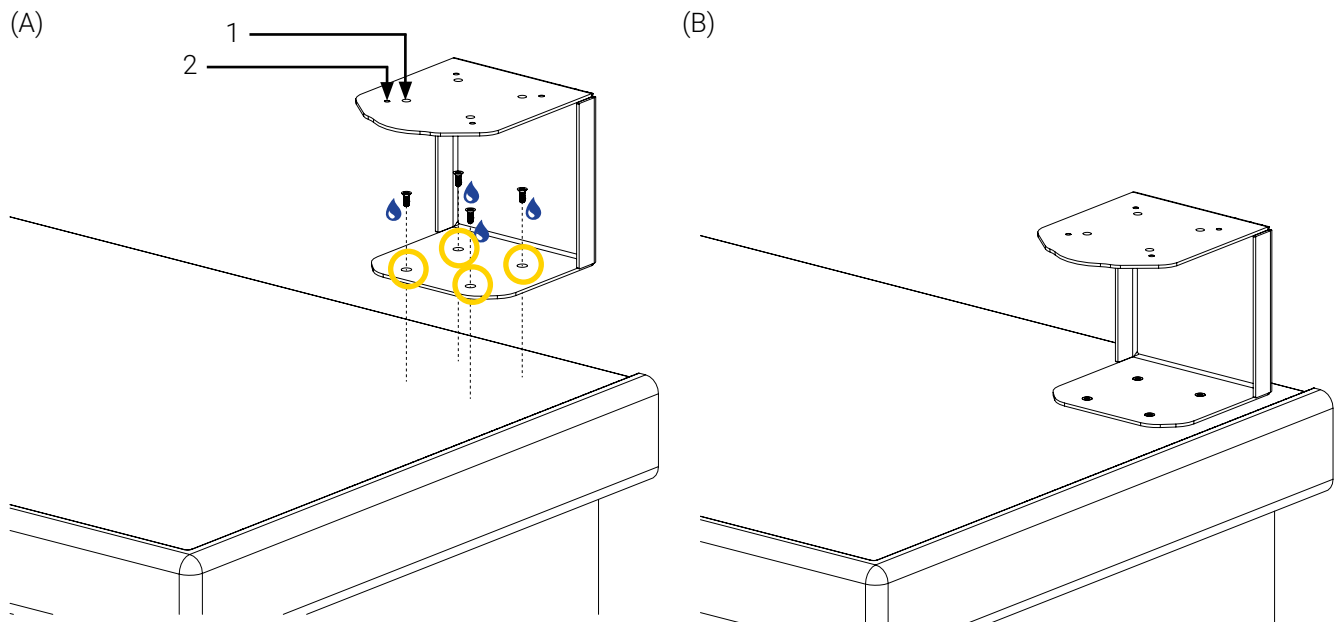
Customer-provided Tools/Hardware

- 13/64 in. D drill bit
- Drill
- 10-32 in. stainless steel screws (4X). The length of the screws will depend on the depth of the installation surface.
- 10-32 in. nut (4X)
- Vacuum cleaner or compressed air
- Marker or punch
- Screwdriver. The screwdriver will depend on the installation surface.
- Medium strength thread lock adhesive (🔹)
- Phillips-head screwdriver #2

Installation Procedure

1. If the Flex Adapter Shelf is already installed, skip to step 9.
2. Assess the area of installation to ensure that the chosen installation surface meets the safety and installation requirements. Refer to the « Safety Measures » section on page 11 if needed.
3. Place the drilling template on the horizontal surface, then mark the drilling screw holes on the surface using a marker or punch.
4. Remove the drilling template and drill four (4) holes perpendicularly, using a drill and 13/64 in. D drill bit.
5. Pick up the debris and dust the surface using a vacuum cleaner or compressed air.
6. Visually inspect each hole to ensure they are the required depth and debris/dust-free.
7. Place the Flex Adapter Shelf on top of the installation surface, align the inner screw holes of the bottom plate with the drill holes, then tighten four (4) 10-32 in. stainless steel screws coated with medium strength thread lock adhesive (🔩) from above the installation surface in a cross-pattern and four (4) nuts from under the installation surface (not illustrated here) using the appropriate tools (Figure 15).

TIP! To facilitate installation, insert the drilling bit through the four (4) inner screw holes on the top plate of the Flex Adapter Shelf that perfectly align with the four (4) inner screw holes on the bottom plate of the shelf (Figure 15).



1. Inner screw holes for the installation of the Flex Adapter Shelf on the installation surface (4X)

2. Outer screw holes for the installation of the base on the Flex Adapter Shelf (4X)

Figure 15: Installation of the Flex Adapter Shelf on a counter top/crash cart

8. Move the Flex Adapter Shelf back and forth and from side to side to ensure it is properly secured on the installation surface. If the shelf does not move after the verification, it is properly secured.
9. Align and place the Universal Mounting Base on the top plate of the Flex Adapter Shelf, then tighten the four (4) 10-32 in. X 1/2 in. L flat head screws coated with medium strength thread lock adhesive (🔩) from under the top plate in a cross-pattern using a Phillips-head screwdriver #2 (Figure 16).

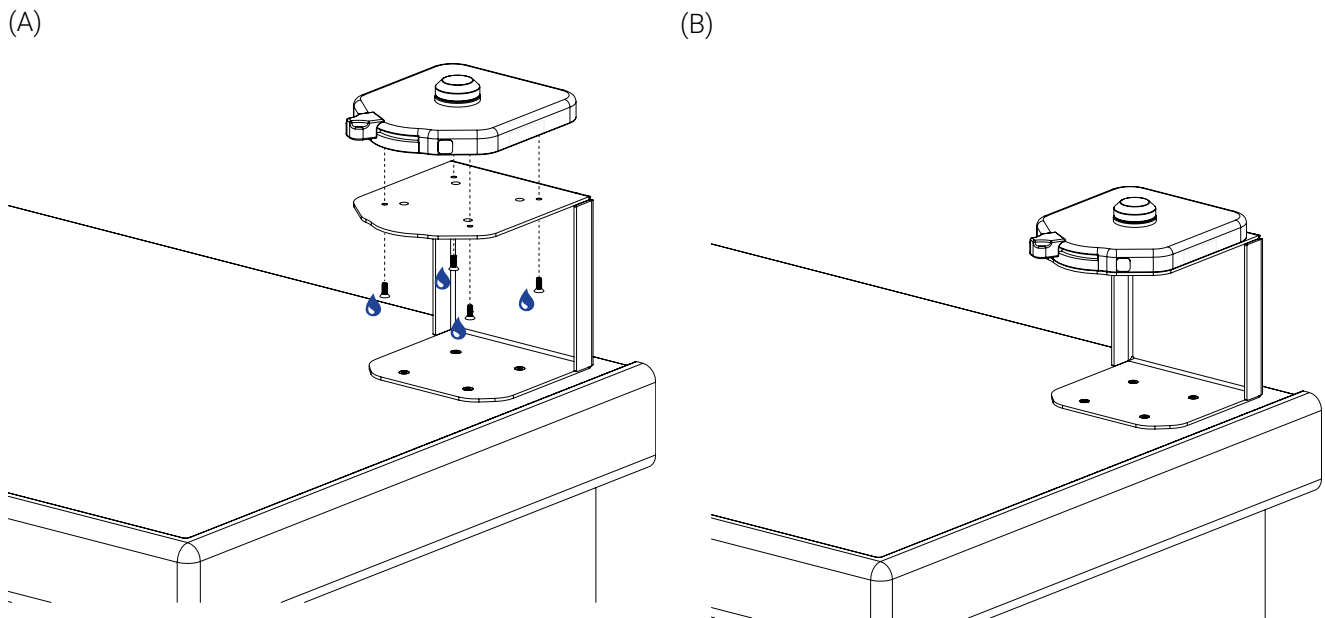


Figure 16: Installation of the Universal Mounting Base on the Flex Adapter Shelf

10. Move the base back and forth and from side to side to ensure it is properly secured on the Flex Adapter Shelf. If the base does not move after the verification, it is properly secured.

The installation of the Universal Mounting Base on a Flex Adapter Shelf is complete.

Annex V Install the Universal Mounting Base on a Flex Adapter



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.

Estimated Installation Time

2 minutes

Included Parts/Hardware

- Universal Mounting Base – 101-20-UN
- Flex Adapter – 603-00-WMA-GCX
- 10-32 in. X 3/4 in. L flat head screw (4X)

Customer-provided Tools

- Phillips-head screwdriver #2

Installation Procedure

1. Place the Universal Mounting Base upside down on a flat surface (Figure 17).
2. Align and place Flex Adapter on top of the base, then tighten the four (4) 10-32 in. X 3/4 in. L flat head screws in a cross-pattern using a Phillips-head screwdriver #2 (Figure 17).

NOTE : In the correct orientation, the manufacturing label of the Flex Adapter should face upwards and opposite the manufacturing label of the base.

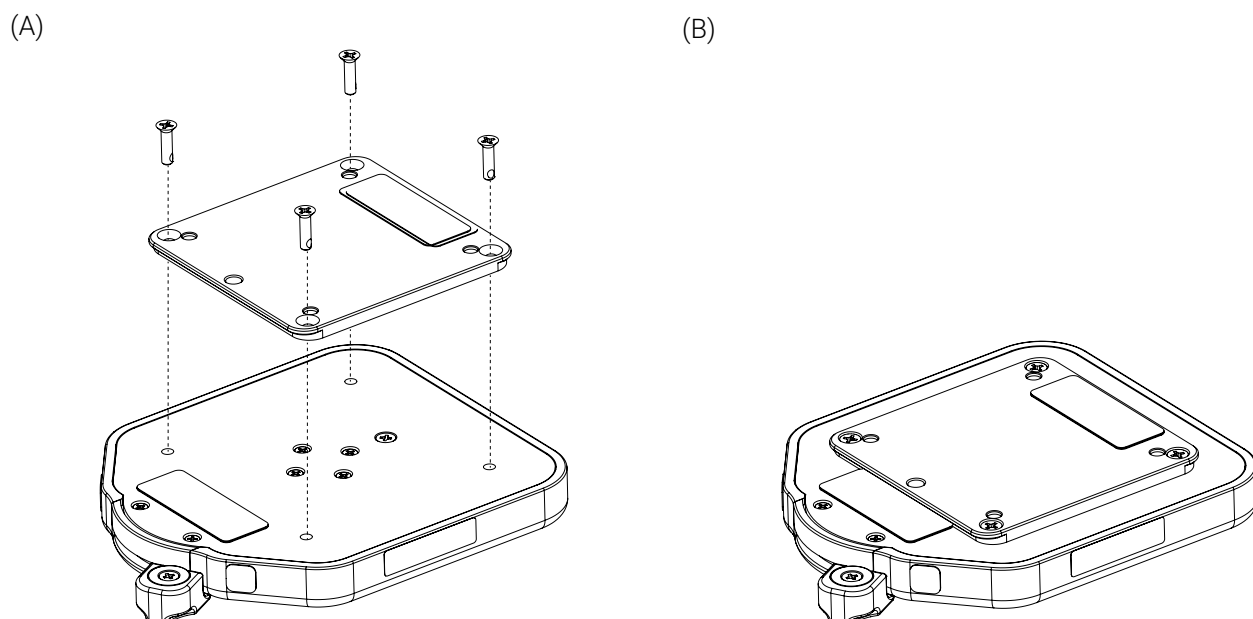


Figure 17: Installing the Flex Adapter on the Universal Mounting Base

3. Move the Flex Adapter back and forth and from side to side to ensure it is properly secured on the base. If the adapter does not move after the verification, it is properly secured.
4. Flip the base, Flex Adapter facing downwards (Figure 18).

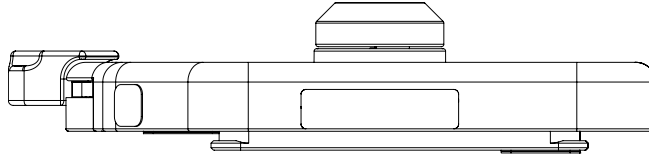


Figure 18: Universal Mounting Base installed on the Flex Adapter

The installation of the Universal Mounting Base on a Flex Adapter is complete.

Annex VI 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 Universal Mounting Base, 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 « Identification Labels » section on page 10 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 clinical staff and void the product warranty.



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 Universal Mounting Base 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 Universal Mounting Base in optimal conditions.
- Decontaminate the Universal Mounting Base 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
- Screwdriver. The screwdriver will depend on the installation surface.
- Medium strength thread lock adhesive (🔹)
- Phillips-head screwdriver #2

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 37 and the « Condition-Based Maintenance » section on page 38, then add your comments and/or observations in the « Maintenance Log » section on page 39 if needed. In case of a non-conformity, immediately stop using the Universal Mounting Base and contact Technical Support at techsupport@technimount.com for a remedial action plan.
2. Keep records of your maintenance activities.

SAFETY CHECKS

CHECKED

Universal Mounting Base (Figure 19)

- Visually inspect all the components of the Universal Mounting Base 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. Refer to the « Install the Universal Mounting Base on a Horizontal Surface » section on page 27, the « Install the Universal Mounting Base on a Flex Adapter Shelf » section on page 30 or the « Install the Universal Mounting Base on a Flex Adapter » section on page 33.*
- Visually inspect all the components of the Universal Mounting Base to ensure there is no chemical attack.
 - *If there are traces of chemical attack, clean the mounting system. Refer to the « Condition-Based Maintenance » section on page 38 if needed.*
- Move the slide locking lever from side to side a few times to ensure proper functioning of the safety mechanism of the base.
 - *If locking disc does not center itself on the base when the lever is in the locked position  and moved to the left in the unlocked position , there is a non-conformity.*
 - *If locking disc does not move towards the back of the base when the lever is in the unlocked position  and moved to the right in the locked position , there is a non-conformity.*
- Install the mounting bracket in the Universal Mounting Base, then lock and unlock it a few times to ensure proper functioning of the safety mechanism of the base.
 - *If the bracket does not lock when moving the slide locking lever to the right in the locked position , there is a non-conformity.*
 - *If the bracket does not unlock when moving the slide locking lever to the left in the unlocked position , there is a non-conformity.*
- Install and lock the mounting bracket on the Universal Mounting Base, then 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 correctly having been installed on the base, there is a non-conformity.*

SAFETY CHECKS	CHECKED
<ul style="list-style-type: none"> - Look at the manufacturing label to ensure that the specifications are still visible and that the base has not passed its expected service life. Refer to the « Labels » section on page 10 and the « Technical Specifications » section on page 14 if needed. <ul style="list-style-type: none"> • <i>If the estimated period of safe and reliable use has passed, there is a non-conformity.</i> 	<input type="checkbox"/>
<ul style="list-style-type: none"> - Look at the identification labels to ensure that they are still visible and all still on the Universal Mounting Base. Refer to the « Labels » section on page 10 and the « Technical Specifications » section on page 14 if needed. <ul style="list-style-type: none"> • <i>If the labels are no longer visible and/or missing, there is a non-conformity.</i> 	<input type="checkbox"/>

CONDITION-BASED MAINTENANCE	CHECKED
<p>Clean the Universal Mounting Base, after you have completed the safety checks:</p> <ol style="list-style-type: none"> 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. <p style="margin-left: 40px;">NOTE : Avoid over saturation and ensure that the product does not sit on the surface of the Universal Mounting Base components longer than recommended by the cleaner's manufacturer.</p> 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. 	<input type="checkbox"/>

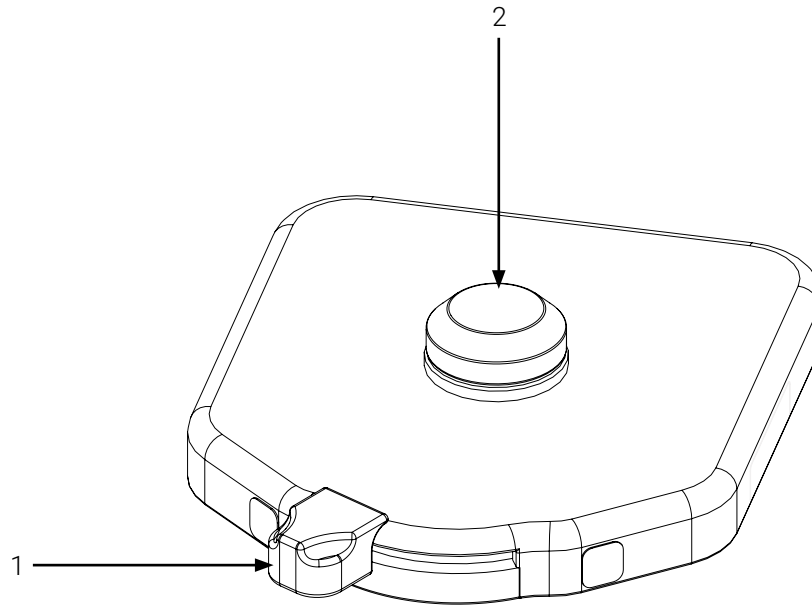
MAINTENANCE LOG

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



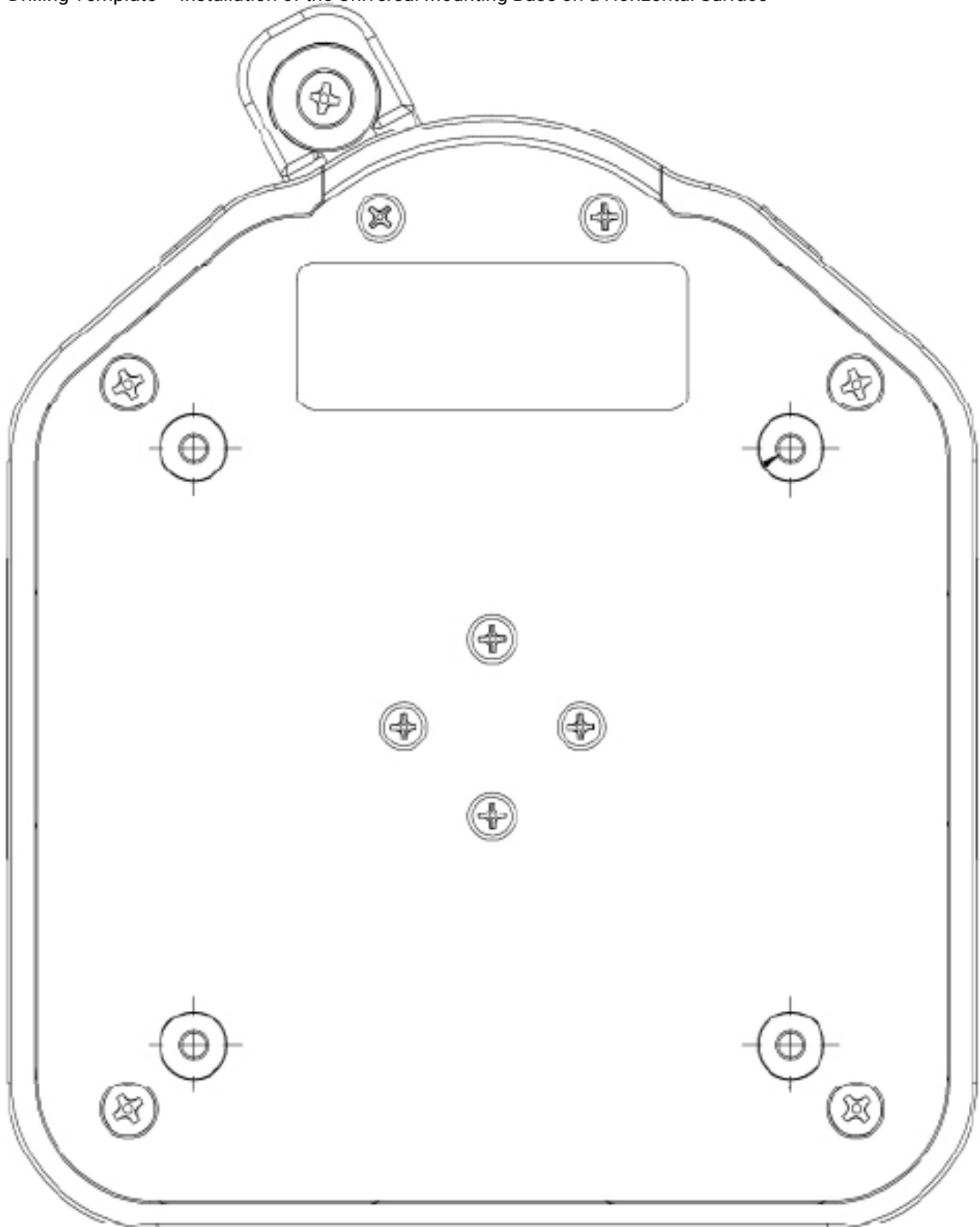
1. Slide locking lever

2. Locking disc

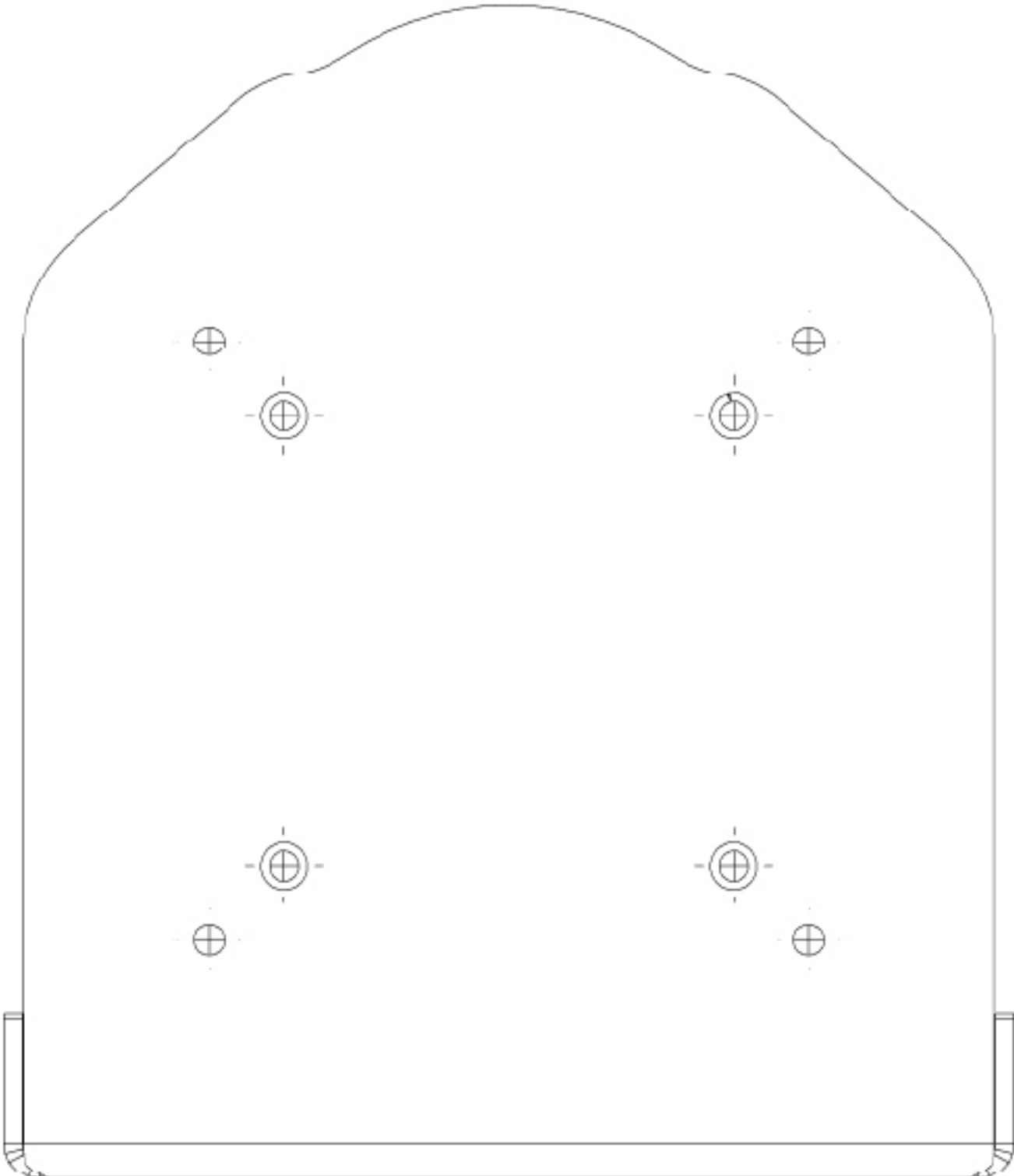
Figure 19: Illustrated inspection points

Annex VII Print to Scale Drilling Templates

Drilling Template – Installation of the Universal Mounting Base on a Horizontal Surface



Drilling Template – Installation of the Universal Mounting Base on a Flex Adapter Shelf





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