



TECHNIMOUNT
EMS®

O2 MOUNT - FL

USER MANUAL



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

The O2 Mount - FL 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) and maintenance of the Technimount product. It also includes specific user-related information to assist trained EMS and clinical personnel with effectively operating the gas cylinder holder.

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 existing 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 O2 Mount - FL is designed to aid trained EMS and clinical personnel hold and secure on vertical surfaces in airplanes and helicopters, type D/M15 and type E/M24 gas cylinders during air EMS transport, only.

1.2. User Competency

To safely operate the gas cylinder holder, EMS and clinical personnel must have the required skill level. Training should be given to EMS and clinical personnel, taking in account the skill level that is necessary to comply with their function and level of interaction with the O2 Mount - FL:

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

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

- **Expert (administrator/manager/supervisor):** Has in-depth knowledge and product comprehension, and is familiar with standards and guidelines. Skilled to train 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 in « Annex III Maintenance » on page 29, basic troubleshooting, upgrade procedures and replacement procedures.

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 retain medical devices in place in the case of a single emergency landing. Technimount products must not be reused if involved in a single emergency landing and must thereafter be replaced. If the end user uses a Technimount product following a single 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 "gas cylinder holder" is specifically designed to fill 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 on page 8).

Table 1: Restocking fees

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

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

1.4.3. Return of Material Authorization (RMA)

The Technimount Customer Service department is responsible for all merchandise returns and will provide a Return of Merchandise Authorization (RMA) number, upon approval. The RMA must be printed and placed on the returned merchandise. Technimount reserves the right to charge shipping and restocking fees (refer to Table 1) 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

Always read and abide by all the safety guidelines identified within this document. Pictograms, safety symbols and labels are used to alert the user to a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury to the patients or EMS and clinical personnel, or damage to 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.

WARNING – Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

CAUTION – Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

2.1. Symbols and Definitions



WARNING – Hand Crush/Pinch Point

Indicates an area where mechanical components could move toward each other and might result in a potential crush/pinch hazard.



WARNING – Do Not Step

Indicates an area where there is potential risk of tipping if the user steps, stands, sits or rests his/her foot that could result in serious injuries to the patients or EMS and clinical personnel, or damage to the product.



CAUTION – Safe Working Load (SWL)/Load Balance

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



CAUTION – General Mandatory Action

Call for action. Alerts the reader to potential risk to the patients or EMS and clinical personnel not following the mandatory action specified by the supplementary sign.



CAUTION – Follow Instructions for Use

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

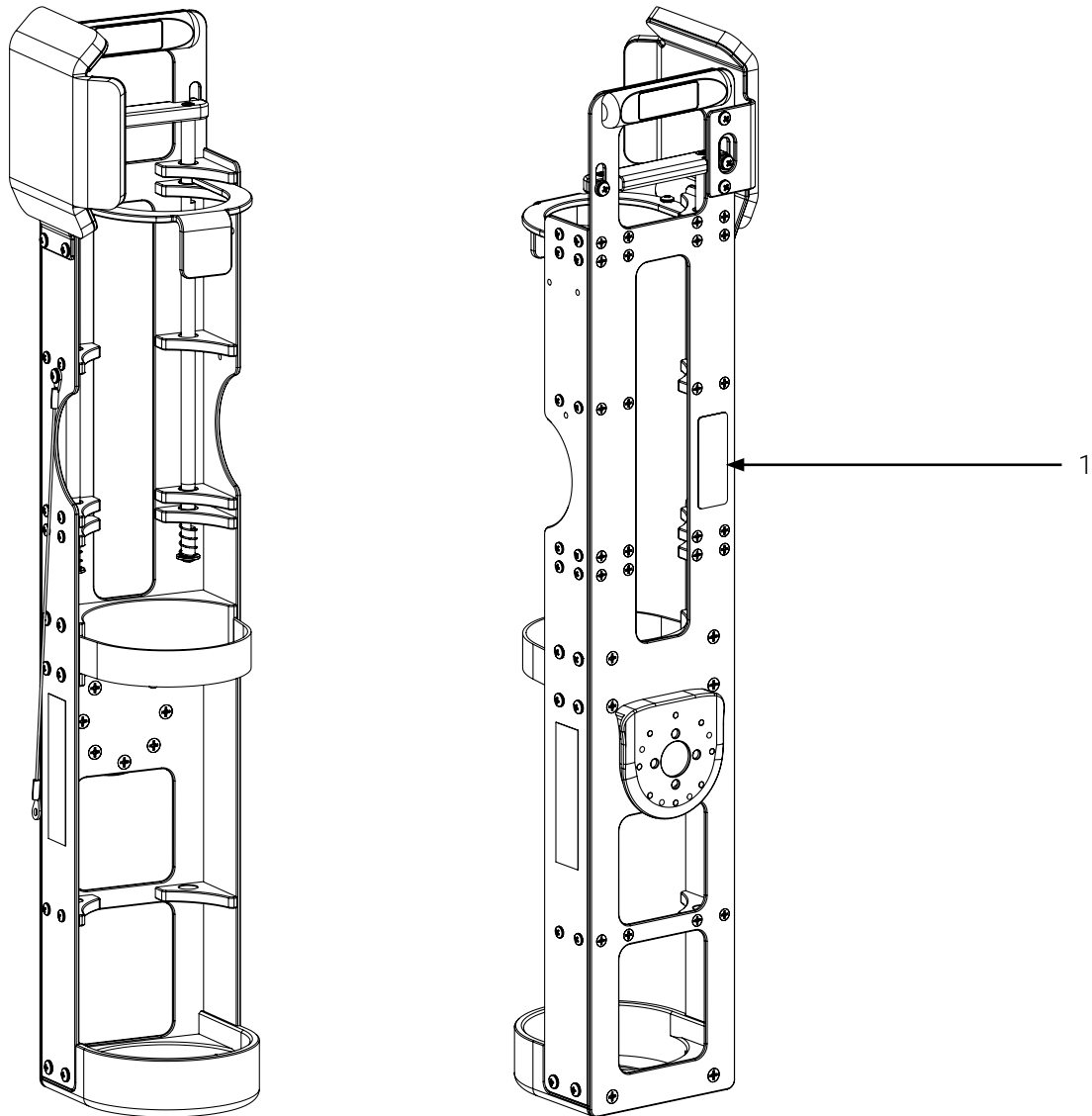


CAUTION – Two (2) Person Lift

Heavy load. Alerts the reader to a two (2) person lift carrying technique recommendation based on the weight and/or size of the product.

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 (Figure 1), can be seen on the Technimount product.



1. Manufacturing label

Figure 1: Location of the manufacturing label (back of the gas cylinder holder)

2.3. Safety Measures

Carefully read all the safety measures herein before operating the Technimount product, relay to EMS and clinical personnel during training, and include in your existing protocols.

More specific safety measures intended for biomedical technicians (or equivalent) relating to the safety checks and conditioned-based maintenance can be found in « Annex III Maintenance » on page 29.



WARNING – Risk of Injury

- **Never** set and leave the gas cylinder on the floor vertically, even when it is secured in the gas cylinder holder, to avoid risks of falling. Manipulating the gas cylinder represents a certain risk, even when used with the holder and should be handled and stored with precaution. Always Refer to your protocols and the Safety Data Sheets (SDS) for handling, storage and emergency measures.
- **Never** use the quick release pull handle to lift or transport the gas cylinder holder to avoid risks of damage, equipment falling, or injuries to the patients or EMS and clinical personnel.
- Always ensure that the u-clamp is inserted in one (1) of the two (2) u-clamp retainers of the gas cylinder holder, even when the holder is empty to avoid risks of damage, equipment falling, or injuries to the patients or EMS and clinical personnel in case of an emergency landing.
- Always use compatible medical devices and accessories with the O2 Mount - FL when applicable, to avoid unpredictable functioning resulting injury to the patients or EMS and clinical personnel. Refer to the « Technical Specifications » on page 13 for compatibilities.
- Improper use of the Technimount product may damage it or cause injury to the patients or EMS and clinical personnel.
- If any serious incident occurs with the gas cylinder holder, immediately stop using the product, report this incident to Technical Support at technicalsupport@technimount.com and the applicable regulatory agency.



CAUTION – Safe Practice

- Always pay close attention to the condition of the safety mechanism, to prevent undue risk to the gas cylinder holder, patients, and EMS and clinical personnel.
- Practice safely operating the gas cylinder holder until the manipulations have been perfected, before use with patients. Improper use of a Technimount product may damage it or cause injury to the patients or EMS and clinical personnel.
- Regulations and standards for safety are the sole responsibility of the end user. Ensure that the installation specifications meet the local and regional compliance requirements before use.
- Refer to your protocols and the user documentation provided with each specific medical device for the safety guidelines and safe use.



CAUTION – Safe Handling and Operation

- Always remove the gas cylinder from the gas cylinder holder before removing the holder from the Micro Base to avoid risks of damage, equipment falling, or injuries to the patients or EMS and clinical personnel.
- Ensure that the gas cylinder is properly secured by the strap to prevent vibrations that could potentially damage the gas cylinder.

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

Do not overload the O2 Mount - FL to avoid tipping incidents or risks of collapsing. The total Safe Working Load (SWL) is 11 lb (4.99 kg).

**CAUTION – Follow the Instruction for Use**

- Always read and abide by all the safety guidelines identified, as well as follow instructions provided within the user manual of the Technimount product.
- The O2 Mount - FL is designed specifically to transport a type D/M15 and type E/M24 gas cylinders. Refer to the Safety Data Sheets (SDS) and the manufacturer's user documentation for the safety guidelines and safe use.
- Although the O2 Mount - FL gas cylinder holder was developed to be compatible with most oxygen regulators, Technimount cannot warrant compatibility with all flow meters. Refer to the manufacturer's user documentation for the compatibilities, technical specifications, the safety guidelines and safe use.

3. Technical Specifications

Product Name	O2 Mount - FL
Description	Mounting system designed to aid trained EMS and clinical personnel hold and secure on vertical surfaces in airplanes and helicopters, type D/M15 and type E/M24 gas cylinders
Product Code	3440-10-CY-FL
Operating Environment	EMS/CCT (air)
Compliance	Designed to comply with FAA, 14 CFR § 23, 25, 27 & 29 (applicable sections)
Expected Service Life	5 years
Compatible Stretcher	N/A
Compatible Mounting System	Micro Base
Compatible Medical Devices/ Accessories	<ul style="list-style-type: none"> - Type D/M15 gas cylinder - Type E/M24 gas cylinder - Oxygen flow meter, dual 50 PSI DISS, left and right dominant flow meter (most models)
Dimensions (W X D X H)	6.2 in. X 5.71 in. X 29.98 in. (15.75 cm X 14.5 cm X 76.15 cm), w/o medical devices or accessories
Weight	6.38 lb (2.9 kg), w/o medical devices or accessories
Composition	Aluminum, stainless steel, bronze, plastic
Total Safe Working Load (SWL)	11 lb (4.99 kg)
Operating Temperature	- 31° F to 113° F (- 35° C to 45° C)
Tested 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	N/A

4. O2 Mount - FL Orientation Diagrams

NOTE : The orientations referenced herein are from the EMS and clinical personnel standpoint, when facing the gas cylinder holder on the vertical surface of the airplane or helicopter.

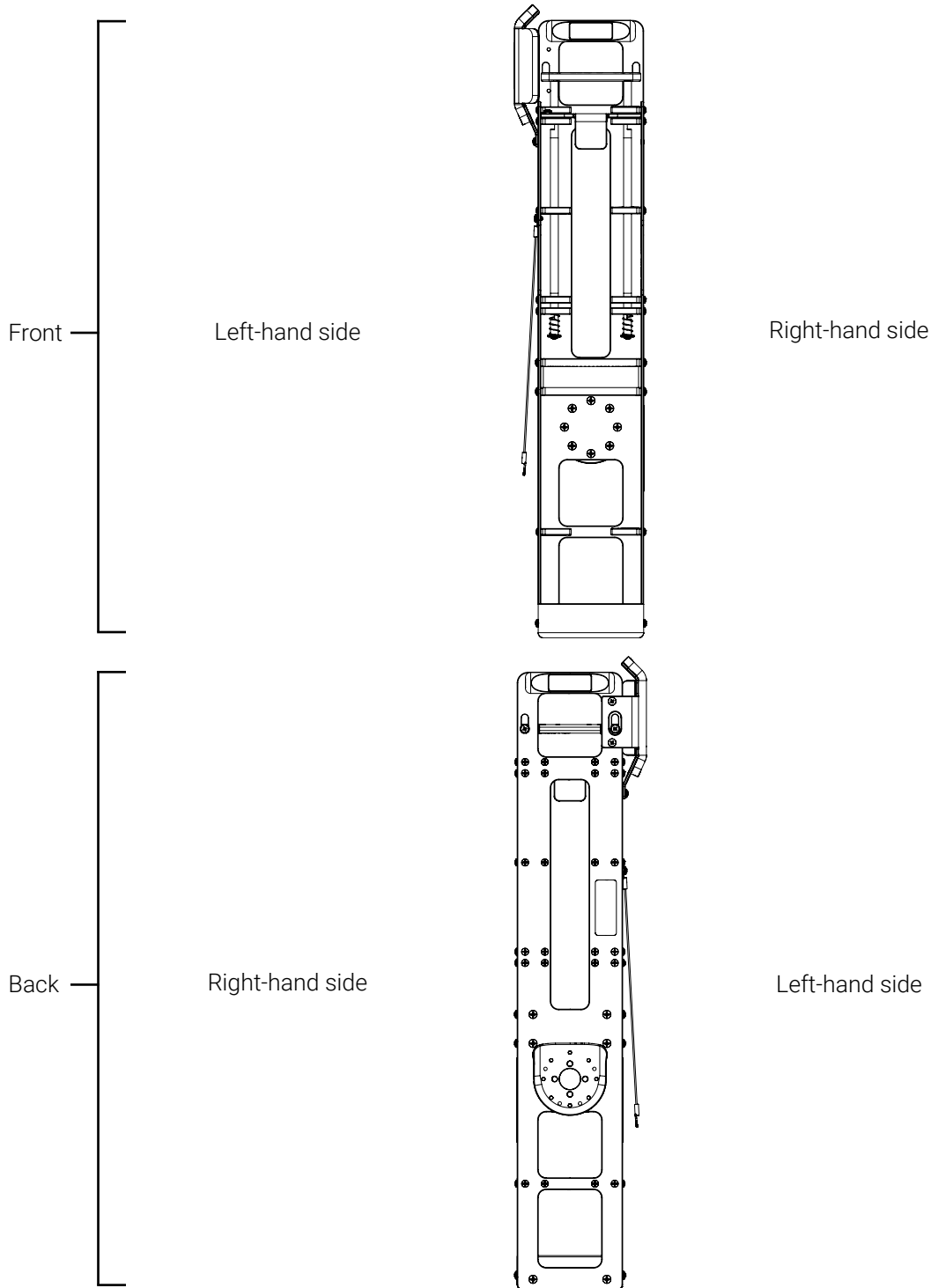
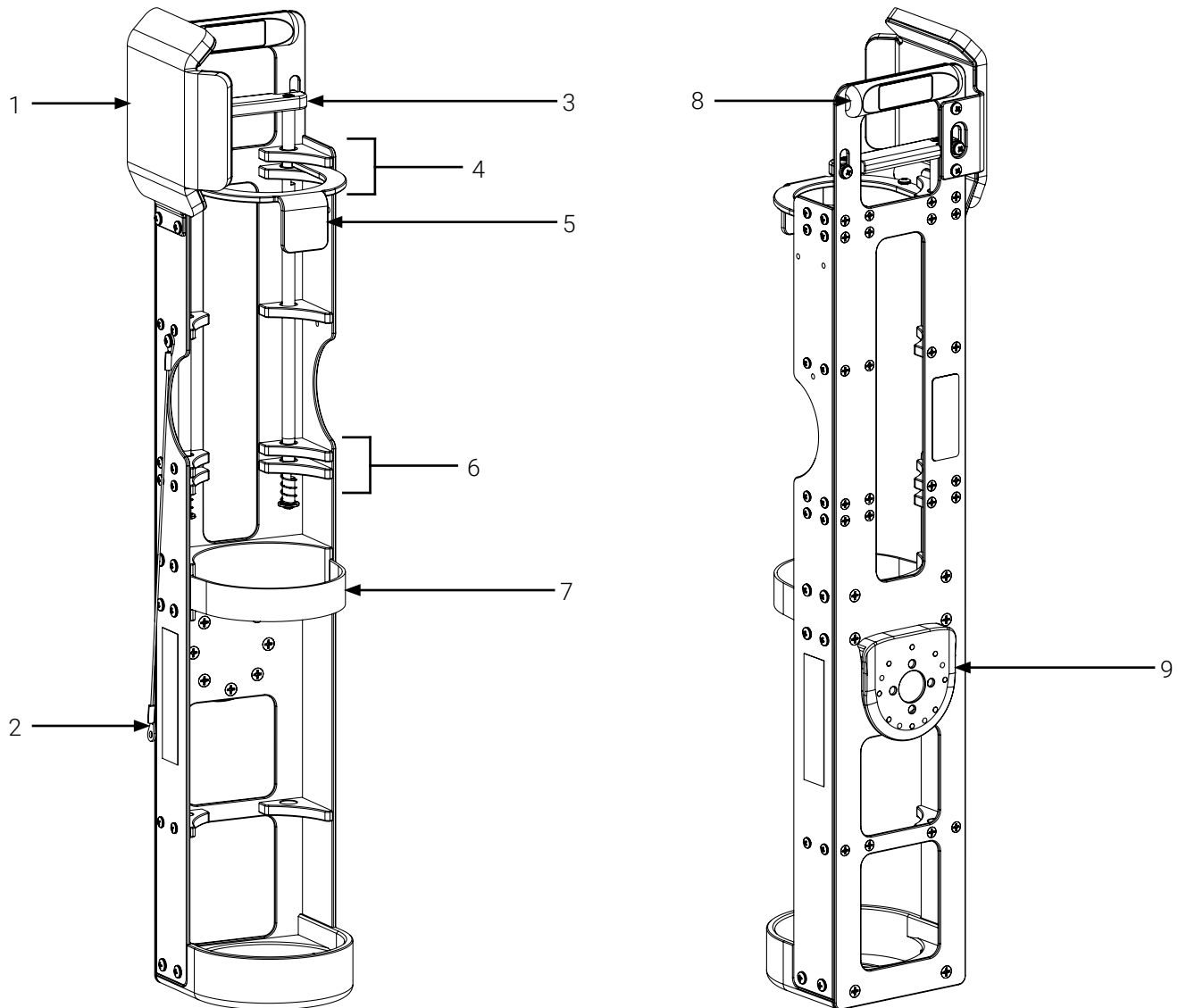


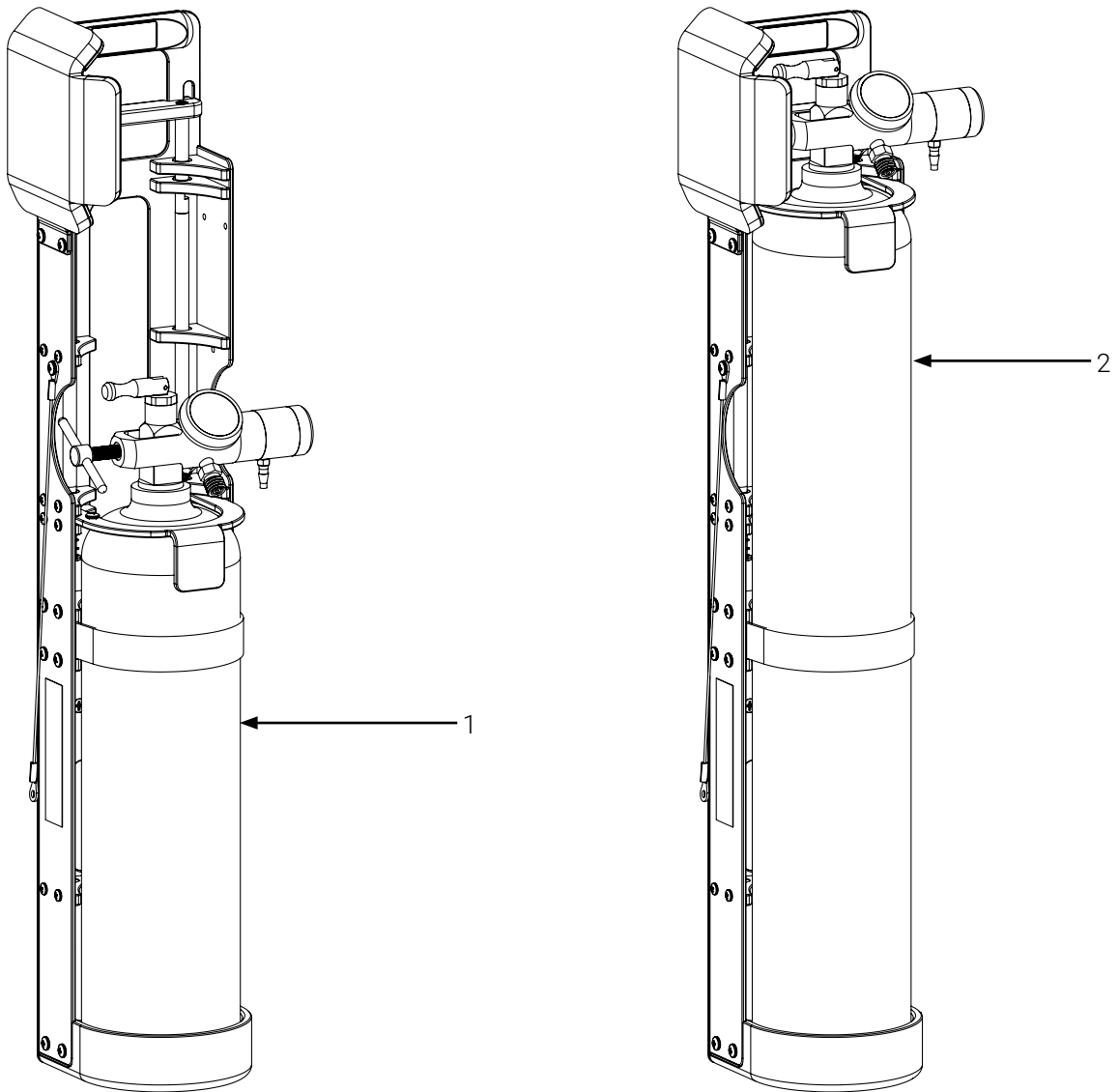
Figure 2: O2 Mount - FL orientation diagram

5. O2 Mount - FL Illustrated Parts



- | | |
|--|--|
| 1. Guard | 6. U-clamp retainer for type D/M15 gas cylinders |
| 2. U-clamp lanyard (illustrated unattached) | 7. Cinch strap |
| 3. Quick release pull handle | 8. Transport handle |
| 4. U-clamp retainer for type E/M24 gas cylinders | 9. Anti-rotation micro disc |
| 5. U-clamp | |

Figure 3: O2 Mount - FL components



- 1. Type D/M15 gas cylinder and oxygen flow meter
- 2. Type E/M24 gas cylinder and oxygen flow meter

Figure 4: O2 Mount - FL with medical devices and accessories

6. Operate the O2 Mount - FL

The contents in this section is intended for EMS and clinical personnel who are proficient, have received the required training and passed the skills assessment, therefore sufficiently knowledgeable to safely operate the gas cylinder holder.

NOTE : For comprehension purposes, illustrations throughout this user documentation show a Mounting Plate - FL and a type E/M24 gas cylinder, but the same instructions apply for a type D/M15 gas cylinder or any other compatible mounting system.

6.1. Install a Gas Cylinder in the O2 Mount - FL

1. Pull the tip of the cinch strap (Figure 5) and remove it from the ring to detach the strap.

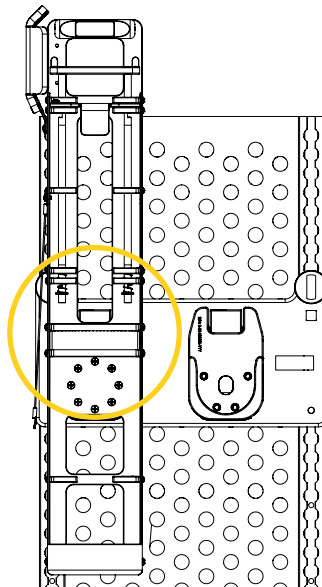


Figure 5: Cinch strap location

2. Pull and hold the quick release pull handle to deactivate the locking mechanism (Figure 6 A) and pull out the u-clamp (Figure 6 B), then let go of the quick release pull handle (Figure 6 C).

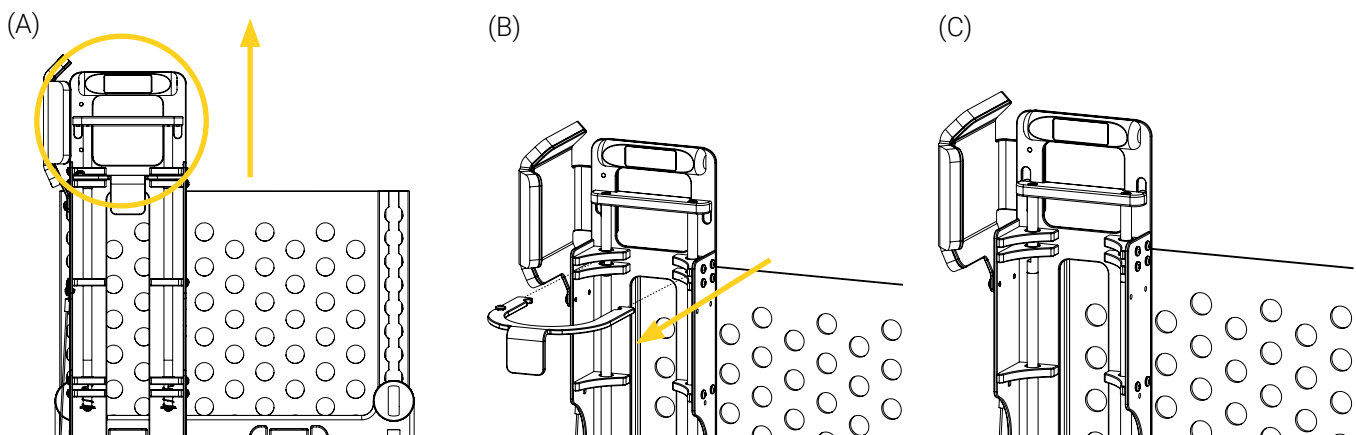


Figure 6: Removing the u-clamp

3. Insert the gas cylinder vertically in the gas cylinder holder (Figure 7).

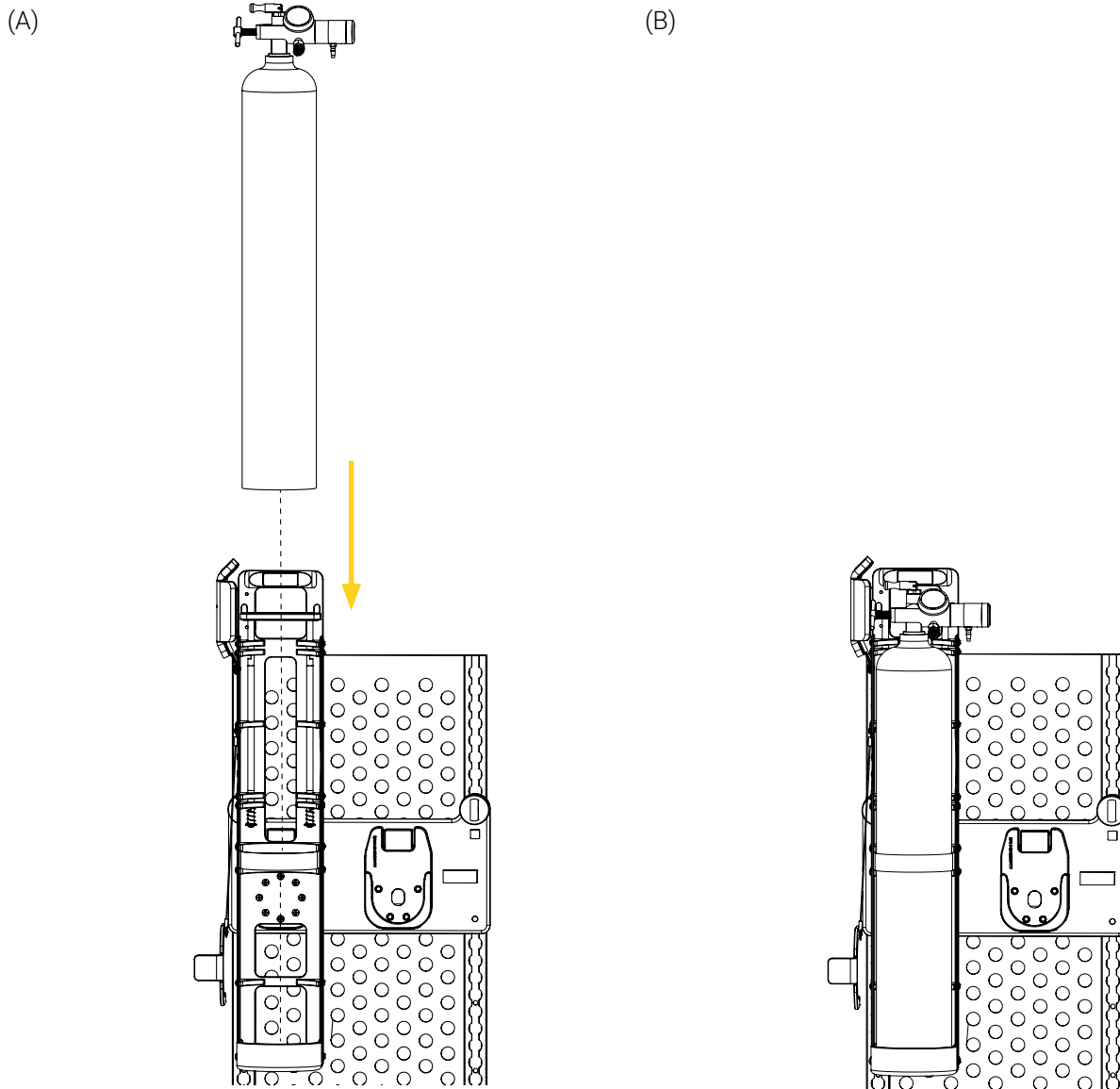


Figure 7: Installing the gas cylinder

4. Wrap the end of the cinch strap around the gas cylinder, insert the tip through the ring, and then back onto itself for a secure hold.
5. Ensure that the cinch strap is tight enough around the gas cylinder. If the gas cylinder does not move in the gas cylinder holder, the cinch strap is tight enough.
6. Pull and hold the quick release pull handle to deactivate the locking mechanism (Figure 8 A), insert the u-clamp in the u-clamp retainers (Figure 8 B), then let go of the quick release pull handle to activate the locking mechanism (Figure 8 C).

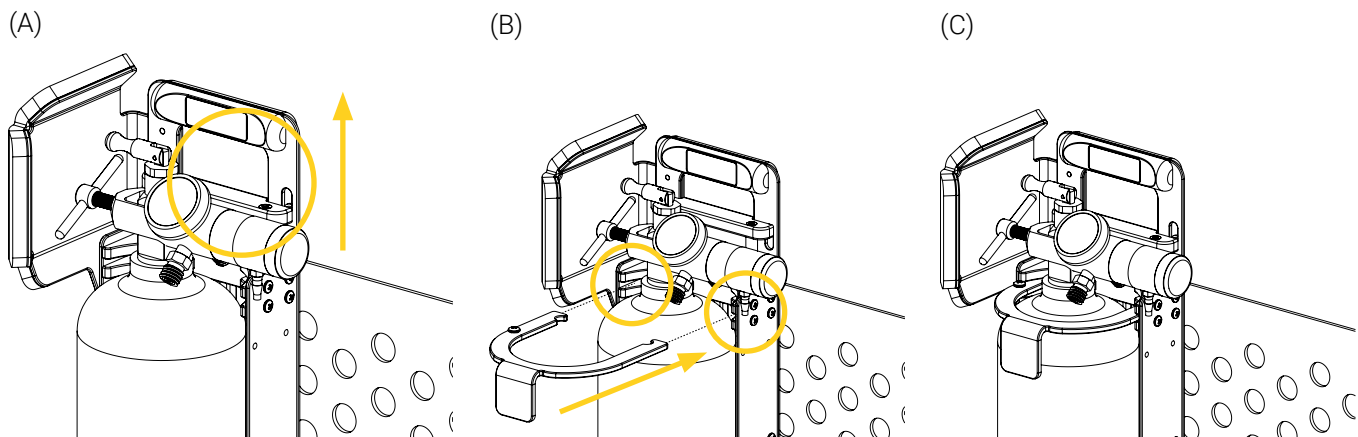


Figure 8: Securing the gas cylinder in the gas cylinder holder

7. Tug on the u-clamp a few times to ensure it is locked in the retainers.
8. Connect the hose(s) to the gas pressure regulator. Refer to your protocols and the manufacturer's user documentation for the safety guidelines and safe use.
9. Ensure that the attached hoses are positioned correctly and not wedged or obstructed in the gas cylinder holder.

The installation of the gas cylinder in the O2 Mount - FL is complete.

6.2. Remove a Gas Cylinder from the O2 Mount - FL

1. Disconnect the hose(s) from the gas pressure regulator, if needed. Refer to your protocols and the manufacturer's user documentation.
2. Pull the tip of the cinch strap (Figure 9) and remove it from the ring to detach the strap.

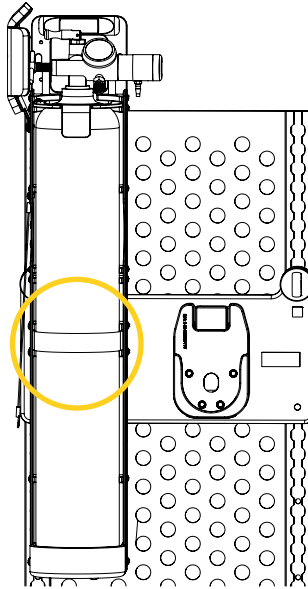


Figure 9: Cinch strap location

3. Pull and hold the quick release pull handle to deactivate the locking mechanism (Figure 10 A), pull out the u-clamp (Figure 10 B), then let go of the quick release pull handle (Figure 10 C).

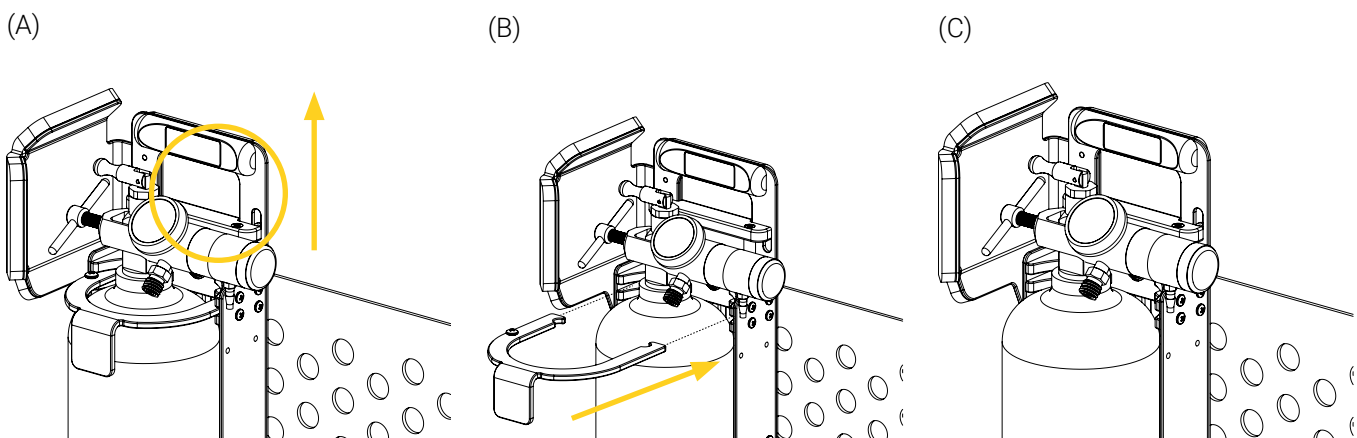


Figure 10: Removing the u-clamp

4. Pull the gas cylinder vertically out of the gas cylinder holder (Figure 11).

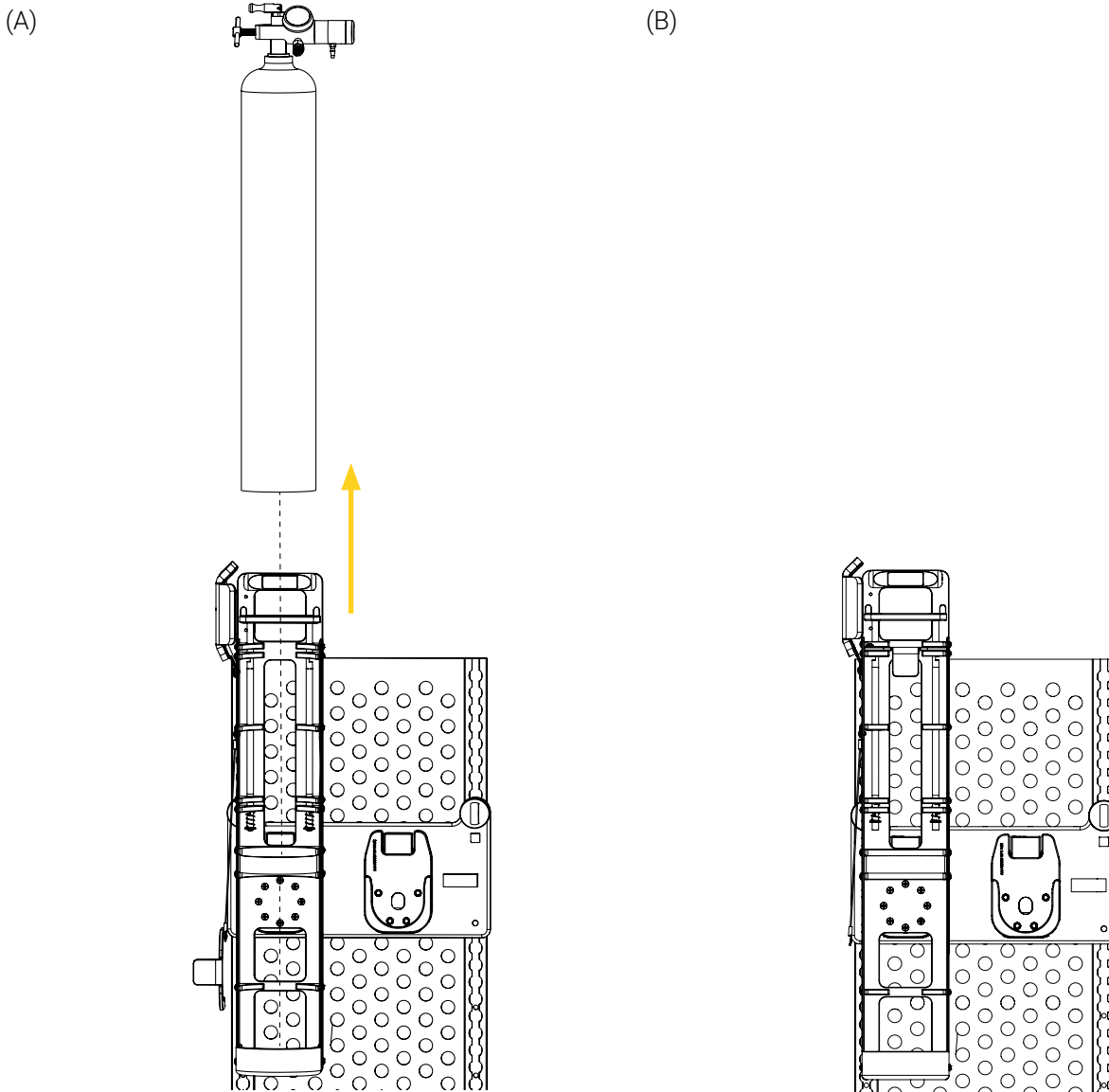


Figure 11: Removing the gas cylinder

5. Store the gas cylinder in its dedicated location, referring to your protocols and the manufacturer's user documentation for the safety guidelines and safe use if needed.

The removal of the gas cylinder from the O2 Mount - FL is complete.

6.3. Install the O2 Mount - FL on a Micro Base

1. Lift the gas cylinder holder using the transport handle (Figure 12 A), then align and insert the micro disc of the gas cylinder holder vertically in the Micro Base (Figure 12 B and Figure 12 C).

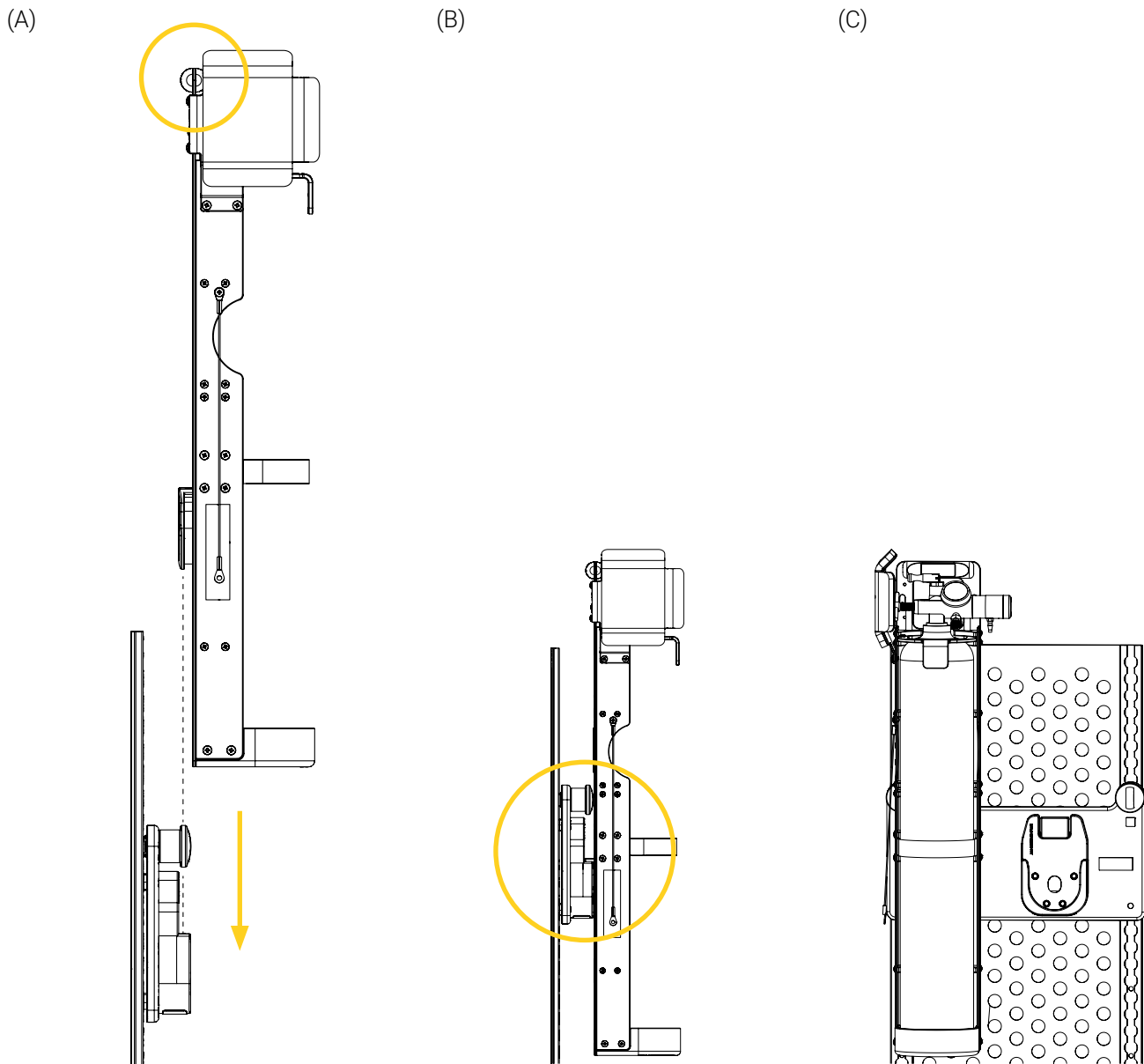


Figure 12: Installing the gas cylinder holder on the Micro Base

2. Ensure that the support bracket is secured. If the micro disc stays in the Micro Base after the verification, it is properly secured.

The installation of the O2 Mount - FL on a Micro Base is complete.

6.4. Remove the O2 Mount - FL from the Micro Base

1. Press and hold the quick release button of the Micro Base, then pull the gas cylinder holder out of the Micro Base vertically using the transport handle (Figure 13).

NOTE : To access the quick release button, ensure that the gas cylinder has been removed from the gas cylinder holder. Refer to « Remove a Gas Cylinder from the O2 Mount - FL » on page 20 if needed.

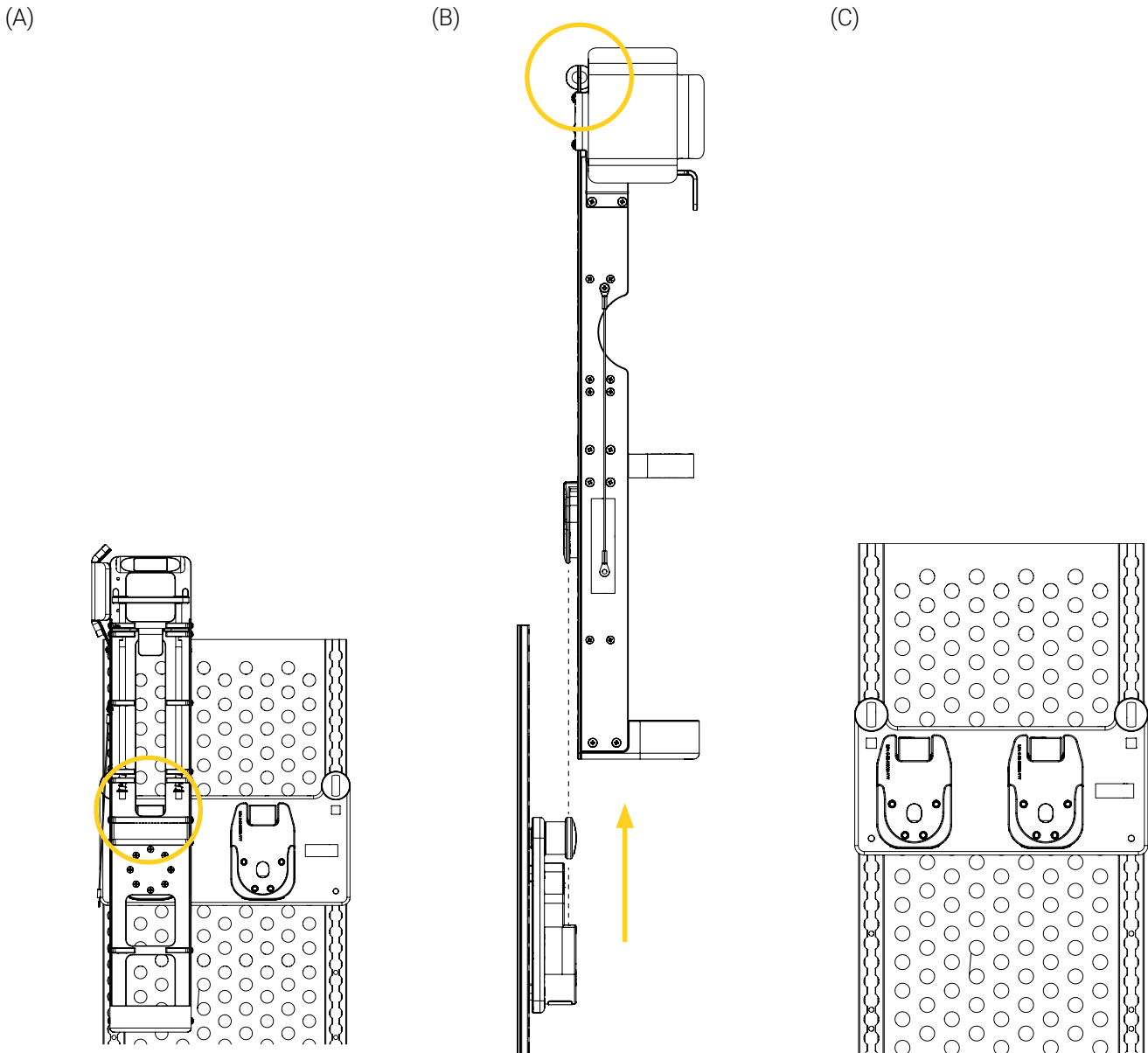


Figure 13: Removing the gas cylinder holder from the Micro Base

2. Store the holder in its dedicated location, referring to your protocols and the manufacturer's user documentation for the safety guidelines and safe use if needed.

The removal of the O2 Mount - FL from the Micro Base is complete.

Annex I EMS and clinical personnel Skills Assessment

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 gas cylinder holder. Consider adding the following to your internal training protocols.

Trainee name: _____ Unit: _____

Assessor name: _____ Date: _____

EMS AND CLINICAL PERSONNEL SKILLS ASSESSMENT		
SKILL CRITERIA	PASSED	FAILED

Safety Measures

- | | | |
|--|--------------------------|--------------------------|
| - Knows to never set and leave the gas cylinder on the floor vertically, even when it is secured in the gas cylinder holder. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to never use the quick release pull handle to lift or transport the gas cylinder holder and use the dedicated transport handle. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to always ensure that the u-clamp is inserted in one (1) of the two (2) u-clamp retainers of the gas cylinder holder, even when the holder is empty. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to always pay close attention to the condition of the safety mechanism. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to always remove the gas cylinder from the gas cylinder holder before removing the holder from the Micro Base. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows to ensure that the gas cylinder is properly secured by the strap. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Knows not to overload the gas cylinder holder. | <input type="checkbox"/> | <input type="checkbox"/> |

Operation

- | | | |
|---|--------------------------|--------------------------|
| - Able to install/remove a gas cylinder in/from the gas cylinder holder. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Able to install/remove the gas cylinder holder in/from the Micro Base. | <input type="checkbox"/> | <input type="checkbox"/> |
| - Has practiced safely operating the O2 Mount - FL, has perfected the manipulations and has acquired the required skill level to safely use with patient. | <input type="checkbox"/> | <input type="checkbox"/> |

Annex II Unpack the O2 Mount - FL

Unpacking should be reserved for biomedical technicians (or equivalent) who have extensive mechanical experience, and advanced skill level.

1. Inspect the shipping box(es) for signs of damage before accepting shipment. Take pictures and report them promptly when 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 all the components and hardware included for the installation when applicable, then set aside.
6. Inspect the items for signs of damage. Take pictures and report them promptly when applicable.

Annex III Maintenance

Safety checks and condition-based maintenance should be carried out by biomedical technicians (or equivalent) who have extensive mechanical experience, and advanced skill level and have read all the « Safety Measures » on page 11, and the maintenance specific safety measures listed below.

Factors such as weather, environment, geographical location and individual usage will necessitate different needs. For the maintenance of the O2 Mount - FL, follow the guidelines listed herein and in accordance with your service's current maintenance practices and protocols. Please contact Technical Support at techsupport@technimount.com for replacement parts or repair related issues, if needed.



WARNING – General Warning

- **Do not** perform safety checks or condition-based maintenance before having read the entire content of the user manual, gained in-depth knowledge and product comprehension, and 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, 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 « Annex IV Replacement Parts/Kits » on page 35). Recycle damaged parts or dispose according to the environmental laws that apply to your jurisdiction and consult the Safety Data Sheets (SDS).



CAUTION – Safe Handling and Operation

- **Do not** use powered tools to screw the hardware during installation, as there is a potential 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 180° F/82° C. 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 24 in. (61 cm) from the unit.
- When cleaning, always use appropriate Personal Protection Equipment (PPE) based on established protocols (e.g., gloves, eyewear, etc.).



CAUTION – Corrosion

- Always rinse and dry the gas cylinder holder 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 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 gas cylinder holder in optimal conditions.
- Decontaminate the gas cylinder holder as recommended in your internal protocols, as well as the regulations and standards in virtue of the infection prevention and control procedures.

Required Tools

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

Tested 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

NOTE : In case of a non-conformity, stop using the product and contact Technical Support at techsupport@technimount.com immediately for a remedial action plan.

NOTE : Always keep records of your maintenance activities and immediately remove defective or expired products from your inventory.

MAINTENANCE PLAN	COMPLIANT	
SAFETY CHECKS	YES	NO

O2 Mount - FL (Figure 14)

- Visually inspect all the components of the gas cylinder holder to ensure there is no damage or chemical attack, that the hardware is in good condition and there are no loose screws:
 - Guard
 - Quick release pull handle
 - U-clamp retainer (4X)
 - U-clamp lanyard
 - U-clamp
 - Cinch strap
 - Transport handle
- If there is damage to the components, remove the product from circulation and contact Technical Support immediately for a remedial action plan.
- If there are traces of chemical attack, follow the conditioned-based maintenance herein.
- If the hardware is not in good condition, replace it. Contact Technical Support if needed.
- If the hardware is loose, apply medium strength thread lock adhesive and tighten using a Phillips screwdriver.
- Visually inspect the locking mechanism and make sure there are no lodged particles. If so, immediately remove using a clean dry cloth.
- Pull and release the quick release pull handle. It should spring back to it's initial position in one fluid motion.
- Insert/remove the u-clamp from in/from both u-clamp retainers. The clamp should be easily inserted and lock in the retainers, and easily removed when using the quick release pull handle.
- Install/remove the gas cylinder holder in/from the Micro Base a few times to ensure proper functioning of the locking mechanism. The gas cylinder holder should be easily installed and removed in/from the mounting system.
- Visually inspect the strap to ensure there are no signs of wear and tear. If so, immediately stop using the gas cylinder holder and contact Technical Support.

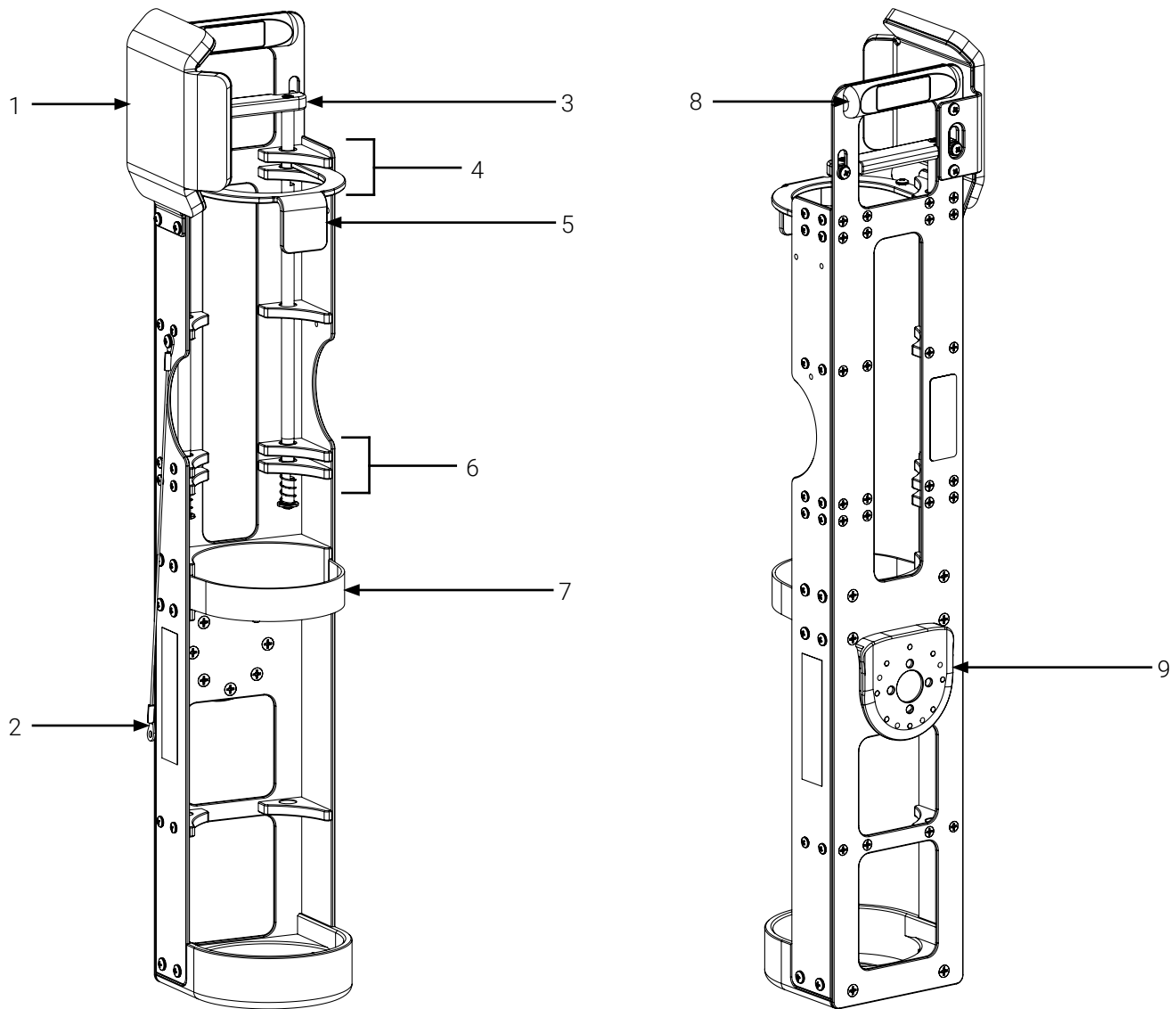
CONDITION-BASED MAINTENANCE	YES	NO
Following the safety checks,		
Clean the O2 Mount - FL	<input type="checkbox"/>	<input type="checkbox"/>
1. Remove the excess dirt using a clean cloth, if needed.		
2. Remove the contaminants using a pressure washer or as recommended in your internal protocols and control 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>NOTE : Avoid over saturation and ensure that the product does not sit on the surface of the gas cylinder holder 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.		

Comments and observations following the Safety Checks and Condition-Based Maintenance:

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

Maintenance plan completed by:

Illustrated Inspection Points



- | | |
|--|--|
| 1. Guard | 6. U-clamp retainer for type D/M15 gas cylinders |
| 2. U-clamp lanyard (illustrated unattached) | 7. Cinch strap |
| 3. Quick release pull handle | 8. Transport handle |
| 4. U-clamp retainer for type E/M24 gas cylinders | 9. Anti-rotation micro disc |
| 5. U-clamp | |

Figure 14: Illustrated inspection points

Annex IV Replacement Parts/Kits

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.

PART/KIT NUMBER	PART/KIT DESCRIPTION
9018-00-BTX	U-clamp



TECHNIMOUNT
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SAFETY AND FLEXIBILITY
WHERE IT MATTERS MOST