

# INSTRUCTIONS FOR USE

For questions concerning the MR Syringe Loader, call Medrad Applications at 1-800-633-7231



**MEDRAD**

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## OPERATION

1. Insert an unused, empty syringe into the syringe interface such that the drip flange is at the bottom, and the graduations are facing right.

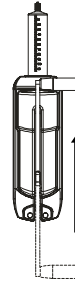
NOTE: When loading a 115ml syringe the interface insert will depress as the syringe is inserted.



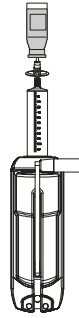
2. While maintaining a firm grip on the syringe, rotate it clockwise until it stops (approximately 1/4 turn). The graduations should now be facing forward.



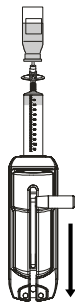
3. Lift the handle upward until it stops.



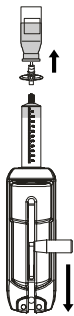
4. Using the appropriate spike, connect the saline or contrast medium to the tip of the syringe using good sterile technique.



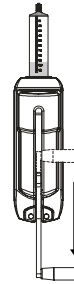
5. Pull the handle downward until the desired amount of saline or contrast medium has entered the syringe.



6. Disconnect the saline or contrast medium from the syringe.



7. Pull the handle fully downward until it stops.

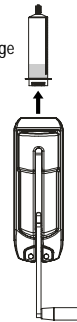


8. While maintaining a firm grip on the syringe, rotate it counterclockwise until it stops (approximately 1/4 turn).

NOTE: 115ml syringe may be pushed upwards upon disconnection.



9. Withdraw the loaded syringe from the MR Syringe Loader.



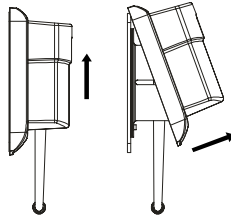
10. Cap syringe (cap/connector tube) using good sterile technique. Label the syringe to identify loaded medium. Loaded syringes may be installed onto the injector, per the Injector Operations Manual. Ensure contrast loaded syringe is installed on the 'A' side of the injector only. Ensure air is purged from syringe and tubing set prior to patient connection.

## CLEANING

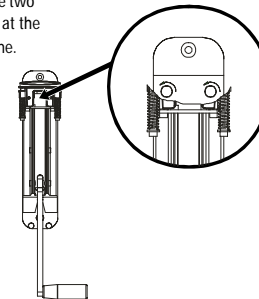
1. Loosen the two thumbscrews at the bottom of the housing.



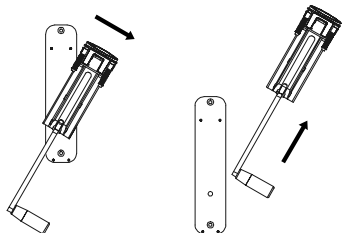
2. Disengage the housing by lifting it upward slightly, then outward.



3. Loosen the two thumbscrews at the top of the frame.



4. Rotate the frame to the left or right, then slide the frame upward and away from the mounting plate.



5. The housing and frame may be cleaned with warm water and mild solvents as needed.

6. Reverse this procedure to re-mount the hand loader.

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### WARNING

Mounting hardware parts bag contains ferromagnetic material and will be attracted to the magnet

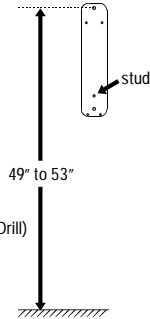
## MOUNTING

1. Place the mounting plate in the desired location such that the top mounting hole is between 49" and 53" from the floor. If mounting into a wall of stud construction, center both mounting holes over a stud.

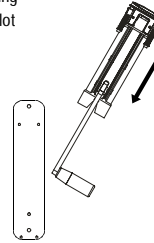
2. Keeping the plate as vertical as possible, mark the locations of the two mounting holes.

3. Select the appropriate hardware for the mounting surface.  
\*Blue 2-1/4" TapCon Screws for wood studs & masonry. (5/32" Pilot Drill)  
\*Hollow Wall anchors for metal studs & drywall. (3/8" Pilot Drill)  
Drill appropriate pilot holes into the mounting surface for the selected hardware in the marked locations.

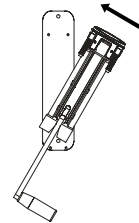
4. Affix the mounting plate to the wall using both mounting holes with stud down.



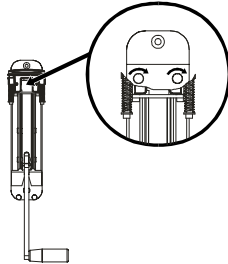
5. Slide the frame onto the mounting plate until the slot is fully seated onto the stud.



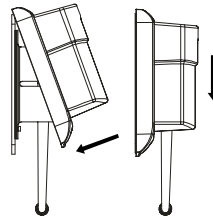
6. Rotate the frame until it is aligned with the mounting plate, with the handle at the bottom.



7. Tighten the two thumbscrews at the top of the frame.



8. Slide the housing onto the frame until it is fully seated as shown.



9. Tighten the two thumbscrews at the bottom of the housing.

