

# *UNCRATING THE INSTRUMENT*

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**micromeritics®**

Effective Solutions for  
Material Characterization

***INSTRUCTIONS***

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960-42808-01  
Oct 2019  
(Rev A)

## ***CONTACT US***

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### **Micromeritics Learning Center**

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Your instrument may differ from what is shown in this document however, the process is the same unless otherwise noted.

After the instrument has been removed from the shipping crate, save the crate in the event the instrument needs to be returned to Micromeritics.

1. When the instrument shipment arrives, ensure it remains in the upright position as indicated by the arrows on the front of the crate. The instrument will be removed from the crate from the side labeled **Open this End**.



**Front panel**

2. From the left and right sides of the crate, remove the screws marked with red circles. Ensure that the front of the crate marked with **Open this End** does not fall when screws are removed from the sides.



**Left side panel**

3. Remove the front panel and place it in a nearby location. It will later be used as a ramp to roll the instrument out of the crate. Note the two holes at the bottom of the front panel. When the front panel is later used as a ramp, these holes will secure the ramp to the crate base.



**Front panel**

4. Slide the crate back to expose the instrument. The instrument remains on the base at this time.
5. The instrument is secured to the base with a strap and a ratchet clamp. Release the ratchet clamp and remove the strap.
6. Remove the protective plastic cover from the instrument .



**Hinged metal flaps**

*Blue packing material is for AutoPore instruments only*

7. There are two hinged metal flaps at the front base of the instrument. Open both flaps (see circles on photo) and remove the front board securing the front of the instrument. The board may need to be gently pried away if it sticks to the side supports.

8. **For AutoPore instruments only.** Open the front flaps of the blue protective packing material at the base of the instrument. Ensure the bottom flap is in the down position and the side flaps are fully extended outward.



**Support studs  
for ramp**

9. At the base of the instrument are two metal studs. These studs are used to secure the ramp (front panel) removed in previous step.

10. **For AutoPore instruments only.** Ensure the blue flaps of the protective packing material remain open. **For all instruments.** Place the two holes at the bottom of the front panel onto the two metal studs at the base of the instrument crate.



**Front panel**

11. Gently roll the instrument down the ramp.



Store the crate in a safe place. If the instrument needs to be returned to Micromeritics, reuse this crate and follow these instructions in reverse order.

12. **For AutoPore instruments only.** To recrate, place the blue box onto the crate base. Place the ramp over and on top of the front flap of the blue box so that the instrument may be wheeled inside the blue box.