Liquid Nitrogen(LN2)
Automatic Supply Device
(Demas)

Manual ver.1





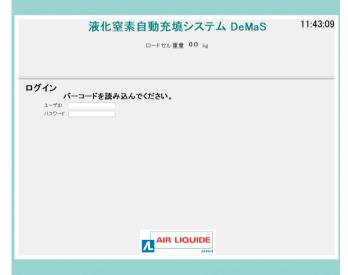
Put your container on the weight scale.



You can use this device only if ordered on Cryogen Ordering System.



Check if the screen is the same as below.



If the screen saver is displayed, touch it once.



Scan the barcode on your container with a barcode reader.





If you place multiple orders, please choose the appropriate one.





Press
"Weighing Button ●"
and measure your
container weight.







Insert the filling nozzle into your container and press the "Confirm Button".







Press <u>"Full Filling</u>

<u>Button(1)"</u> or

"<u>Volume Setting</u>

<u>Button(2)</u>" to set the required amount.



* Max filling capacity is 90% of container capacity.



Press "Filling Start

Button • " and

start LN2 filling.





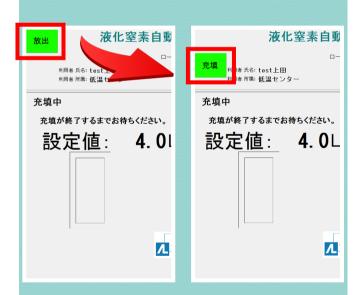
Until the piping is completely cooled, release nitrogen gas from the discharge valve.



Gas is released from the piping behind. Please wait for the pipes to cool down.



When the piping has cooled down, it switches to automatic filling and starts filling the container with LN2.



Wait for LN2 filling to complete.

LN2 filling amount is measured with a weight scale.

Do not step on the scale or place objects during filling.

When it is detected that the weight is larger than the set value, LN2 filling is completed. However, since LN2 filling amount is determined on step 11, LN2 filling amount does not increase.



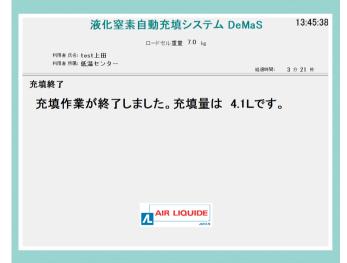
When LN2 filling is completed, an alarm sounds and press "Alarm Stop Button".



Even if LN2 filling is completed, do not move the container yet.



Remove the filling nozzle from the container and press "Weighing Button •"



The final filling weight is determined by the weight at the time of pressing "Weighing Button". This amount is automatically entered into the Cryogen Ordering System.



LN2 filling is completed.

Within 30 minutes after filling, it can be refilled. If refilling, start from step 1.

If you have any questions, please inform the staff.

