



# Ezi-Flow CSV Isolator Chargebag Filling

## Operating Instructions

Follow these instructions when filling an Ezi-Flow Chargebag  
from a containment isolator via the Ezi-Flow CSV Active

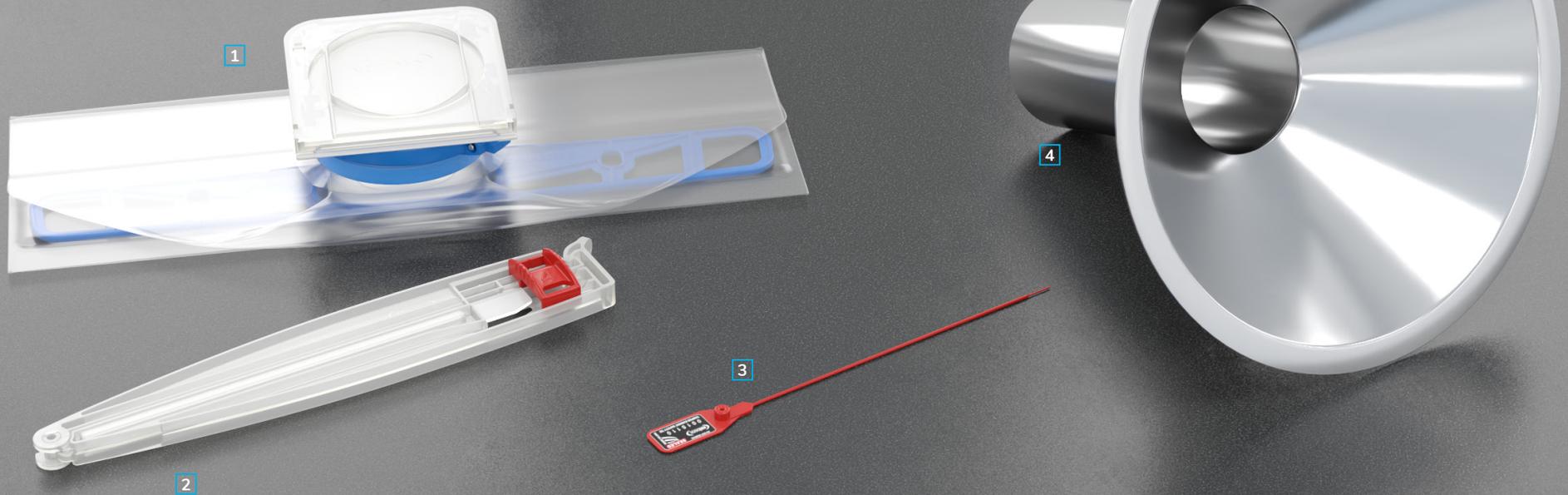


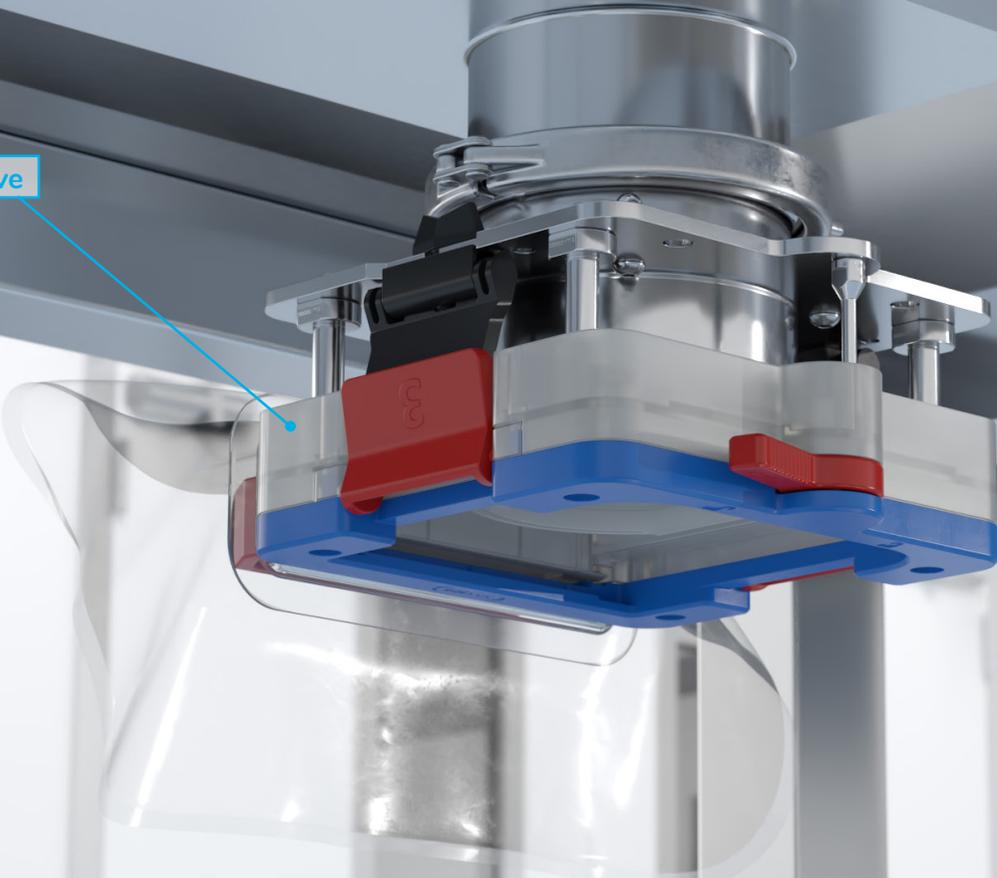
VERSION 1.0  
DATE PRODUCED 14/03/22

# 1

● During the Filling Procedure, you will use:

1. An Ezi-Flow CSV Chargebag with pre-fitted passive connection
2. An Ezi-Grip Single-use bag clamp
3. A Tamper Evident Security Tag
4. A Ezi-Flow conical filling funnel, which is required inside the isolator



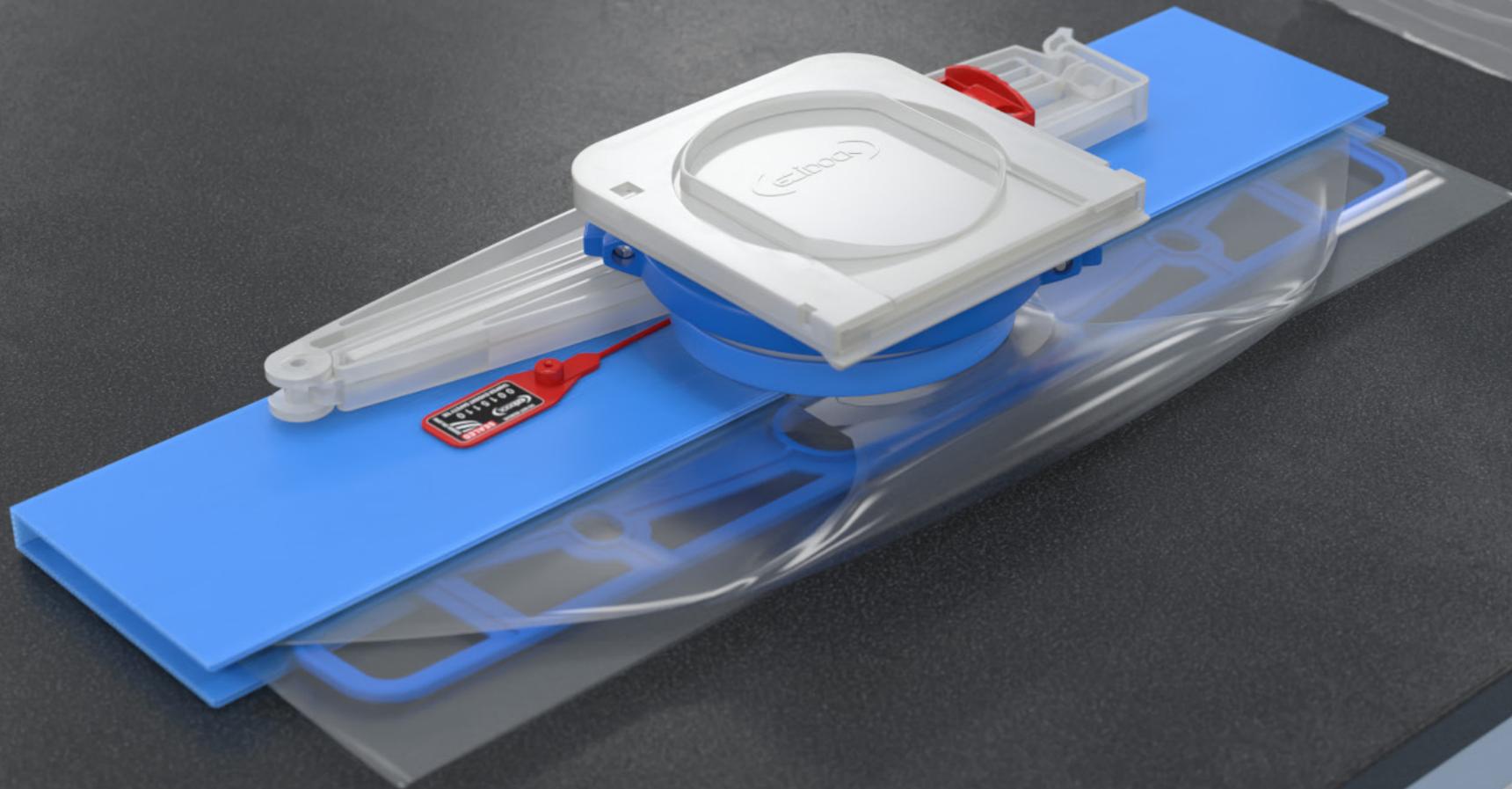
A detailed view of the Ezi-Flow CSV Active device, a complex mechanical assembly with a stainless steel top section and a white and blue plastic base. A red component is visible on the side. A clear plastic bag is suspended below the device. A blue callout box with a white border and a blue line pointing to the device contains the text 'Ezi-Flow CSV Active'.

Ezi-Flow CSV Active

2:

When the product is ready to be transferred from within the isolator to the chargebag, the operator will need to prepare a chargebag for filling via the Ezi-Flow CSV Active already in place below the isolator.

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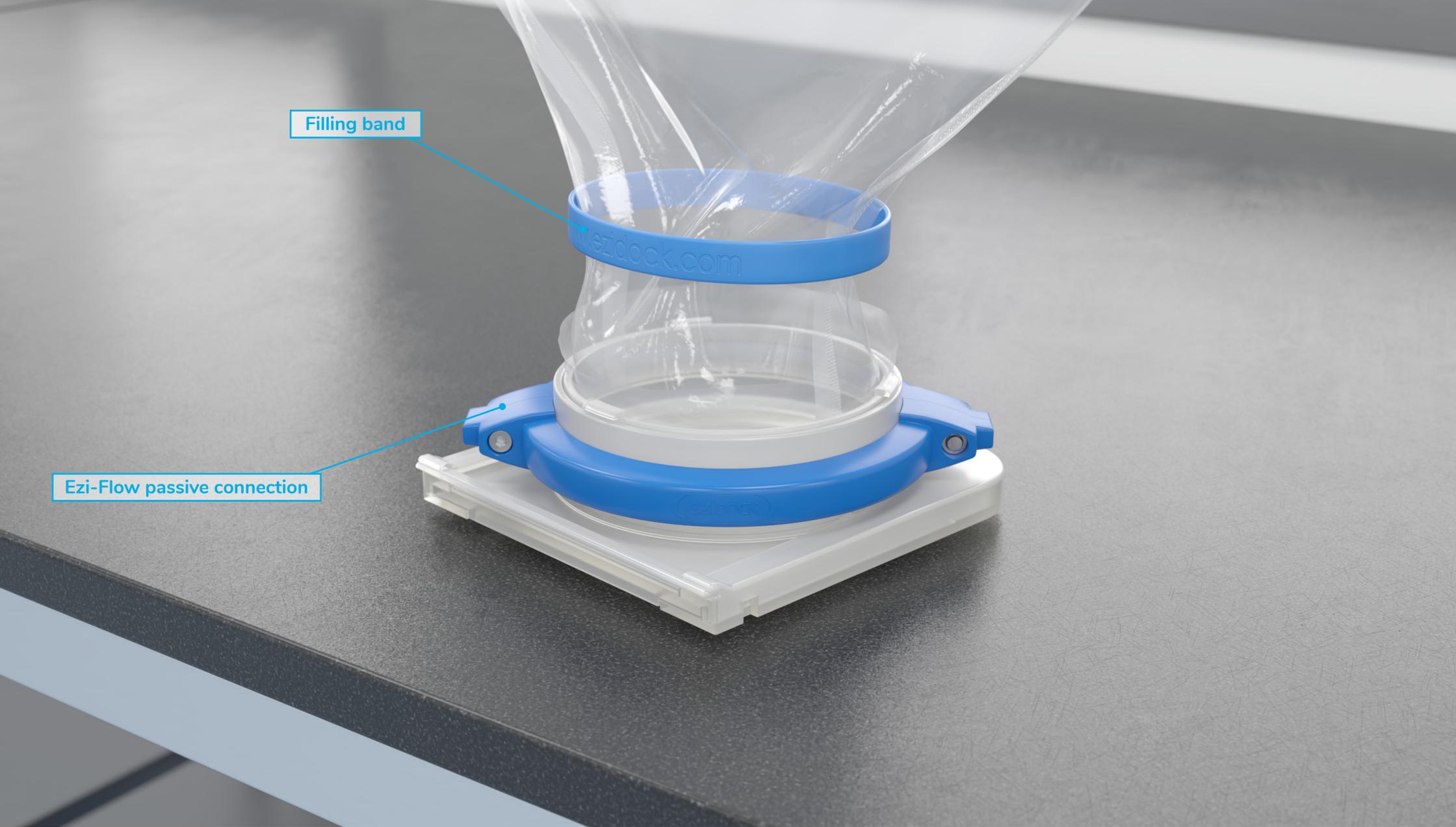


# 3:

First, remove the Chargebag from its pouch using the easy-tear opening and remove and discard the blue plastic protective card.

Now simply unfold the chargebag.

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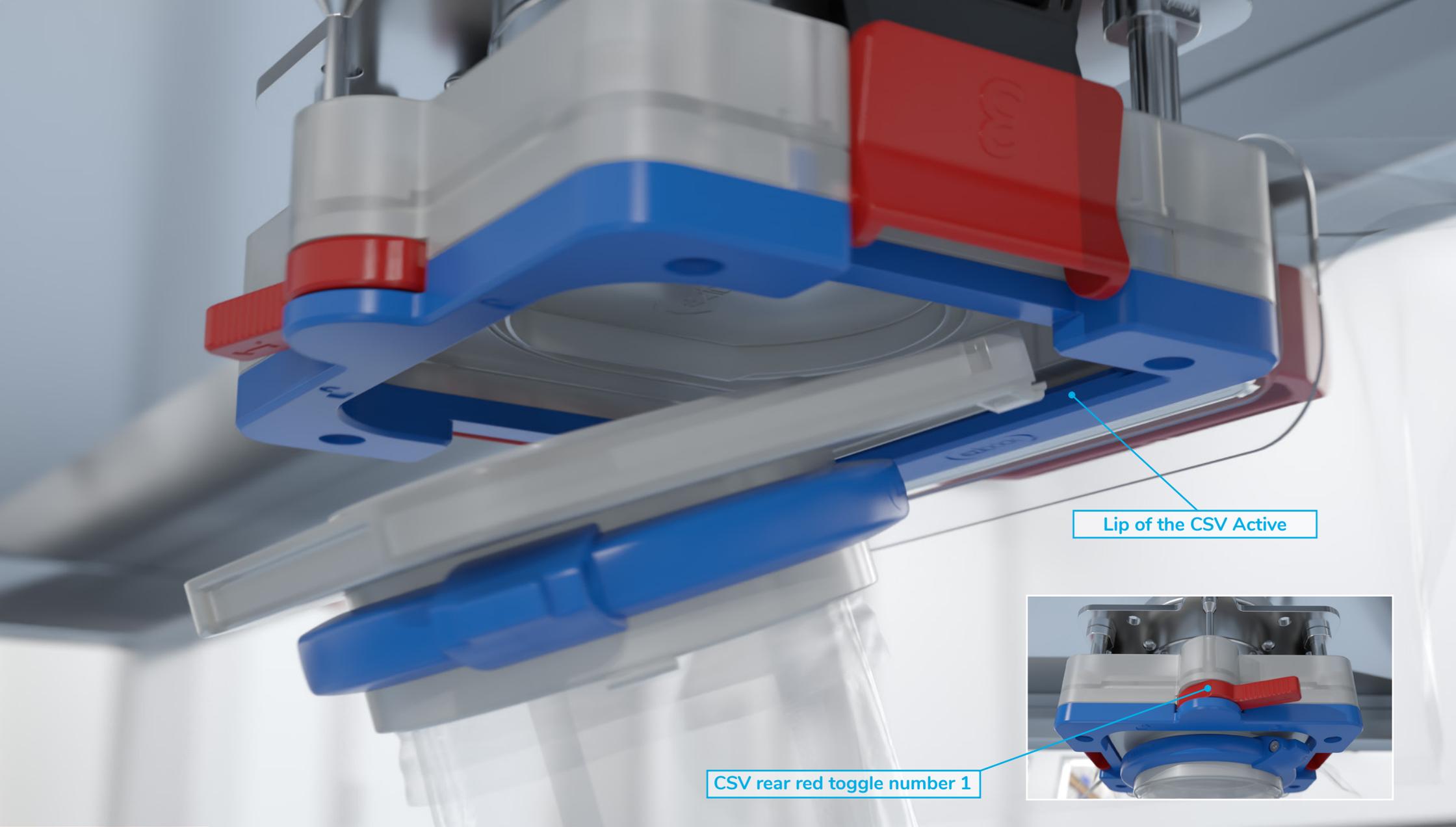
Filling band

Ezi-Flow passive connection

4:

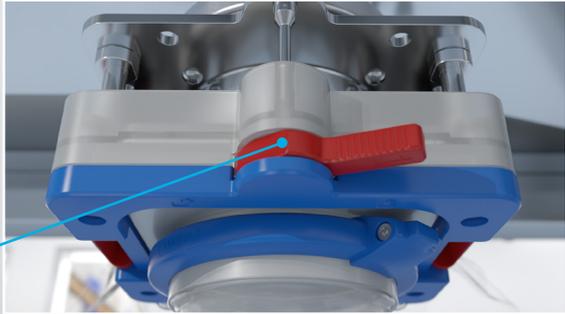
At the base of the chargebag is a filling band, below which is the Ezi-Flow passive connection.

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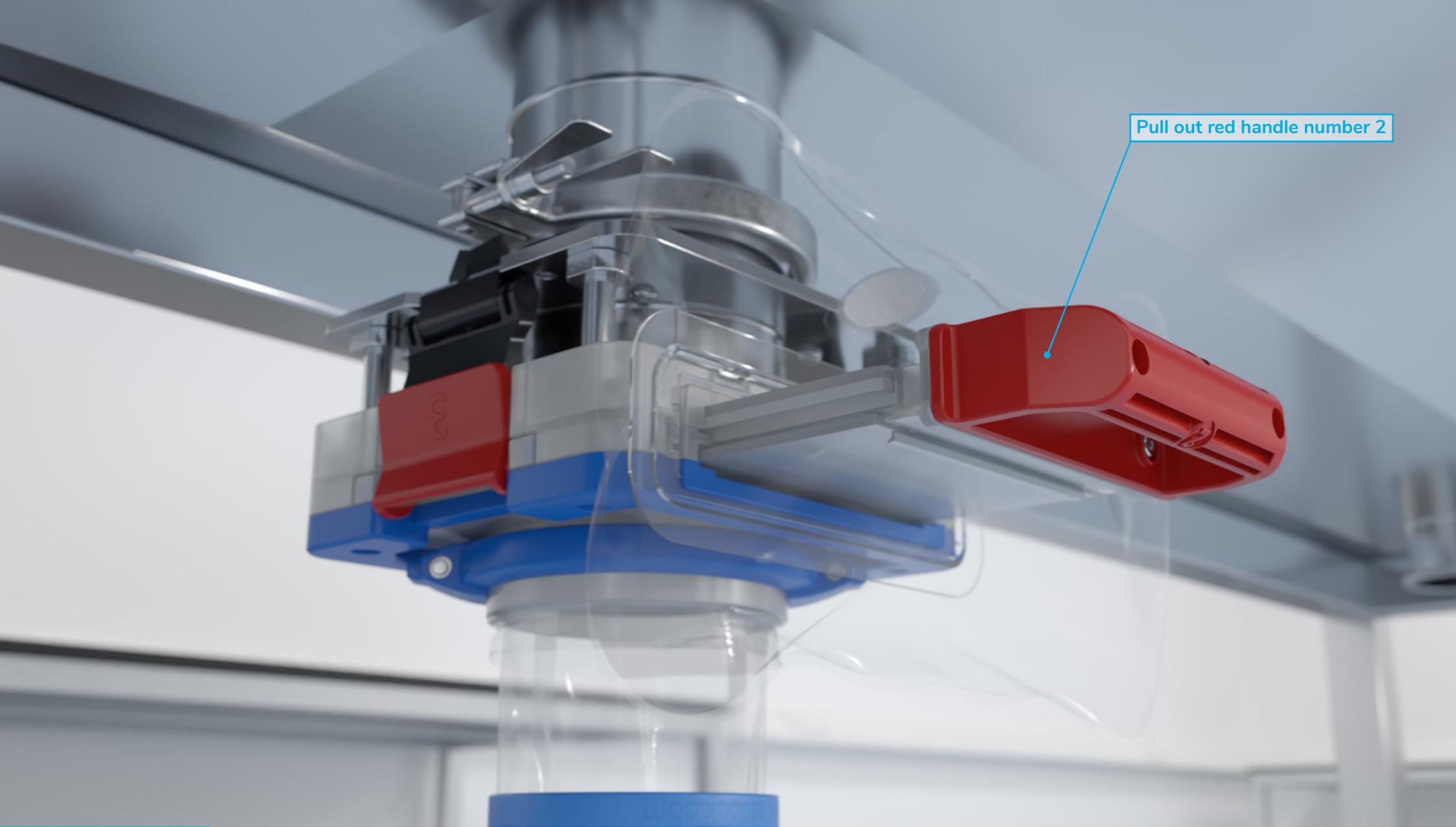
Lip of the CSV Active

CSV rear red toggle number 1



# 5:

To dock the chargebag, slide the front of the passive connection under the lip of the CSV Active, then push the passive connection flat and fully turn the CSV's rear red toggle, marked 1, to release the interlocks.

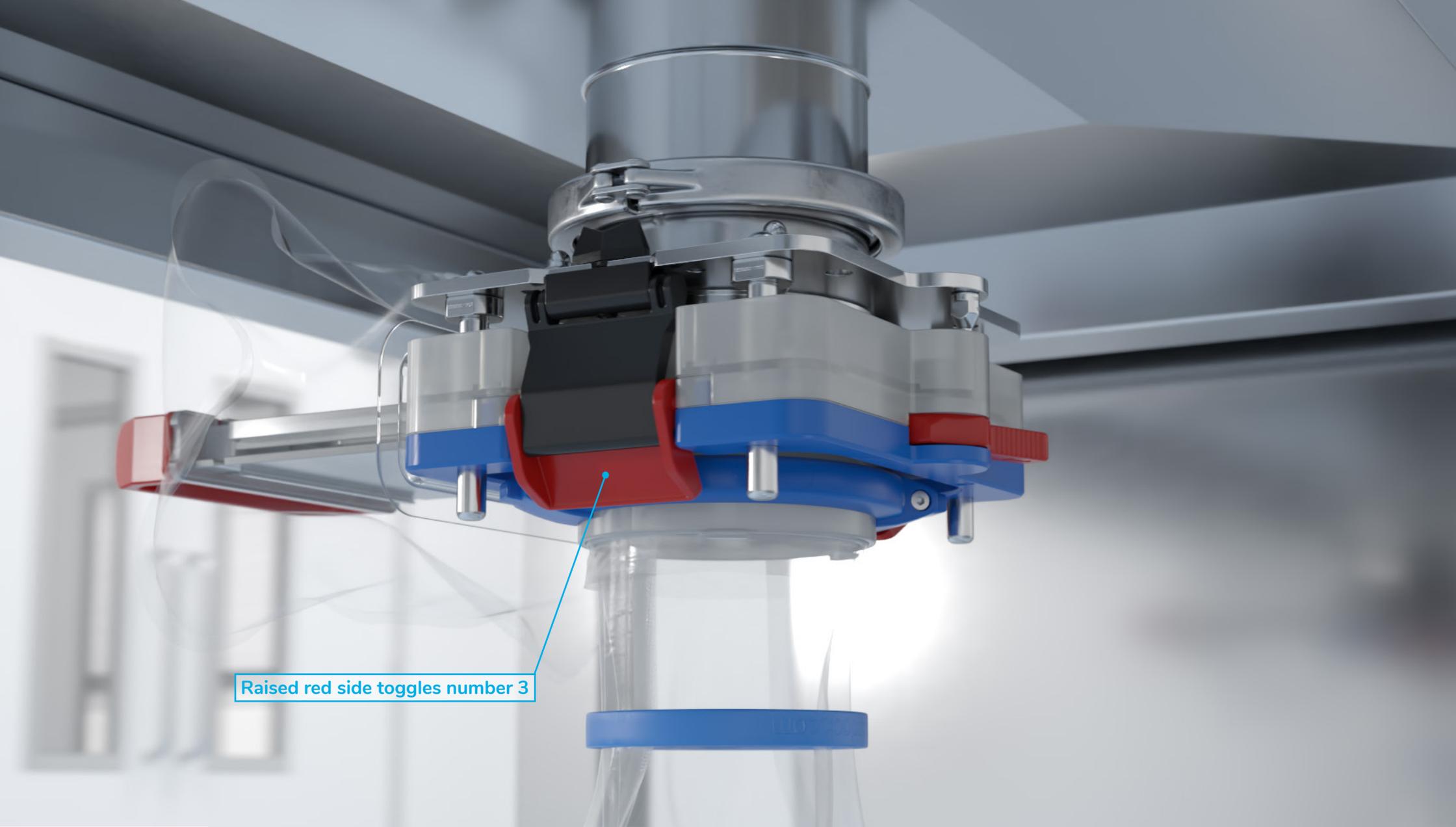


Pull out red handle number 2

6:

The next operation is to pull out the red handle marked number 2. This operation removes the active and passive sliders.

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Raised red side toggles number 3

7:

At this point there is a void in the system, and so the two red side toggles marked number 3 need to be fully raised. This lowers the active cassette onto the active spigot and creates a contained seal.

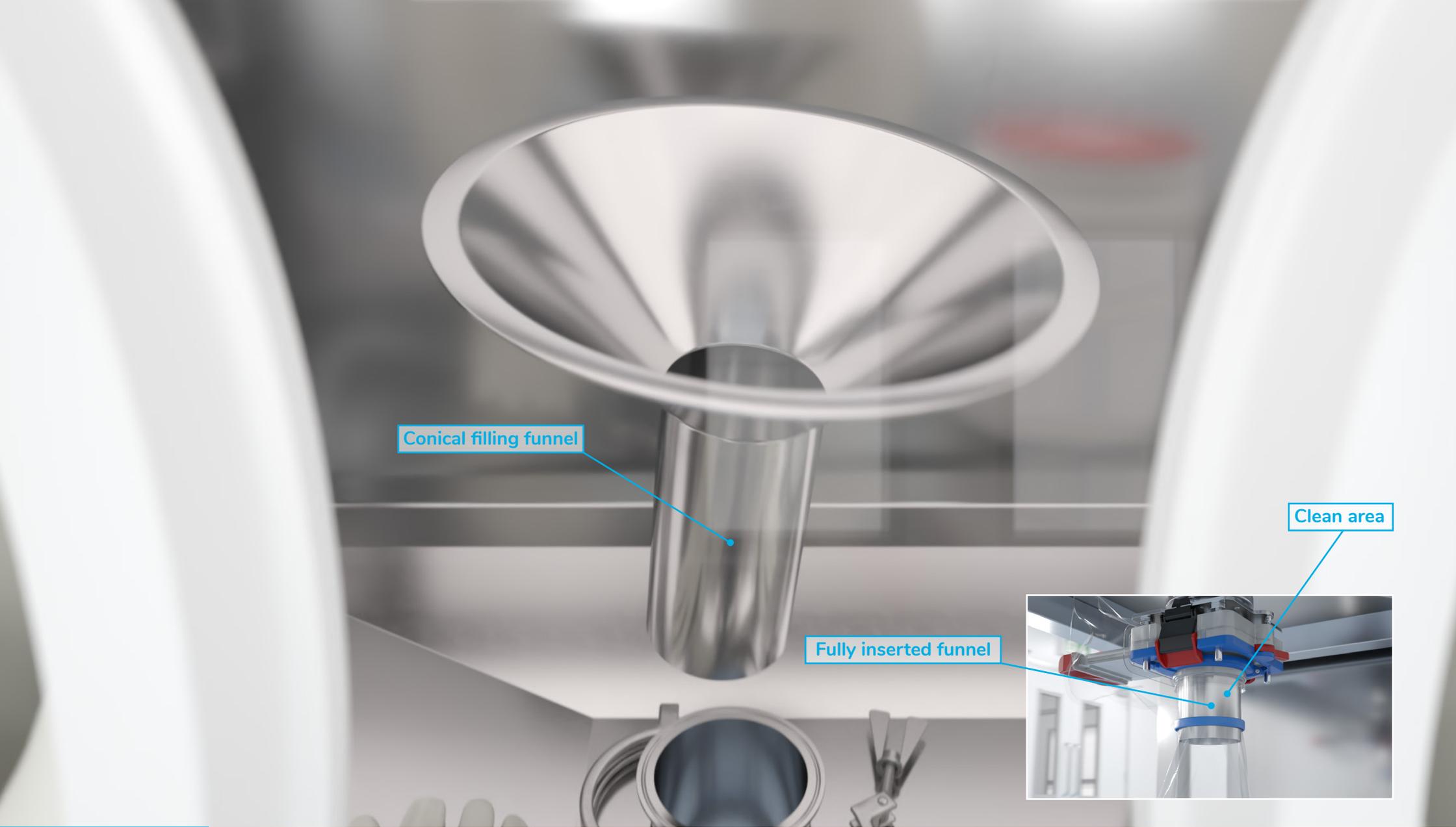
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8:

Working within the isolator, first remove the blanking cap which covers the transfer chute.

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9:

Now insert the Ezi-Flow conical filling funnel, ensuring the funnel is fully inserted through the filling band into the chargebag. Ensure the filling band is positioned towards the end of the funnel to maintain a clean area during the filling process.

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# 10:

The product can now be poured through the funnel and into the chargebag.

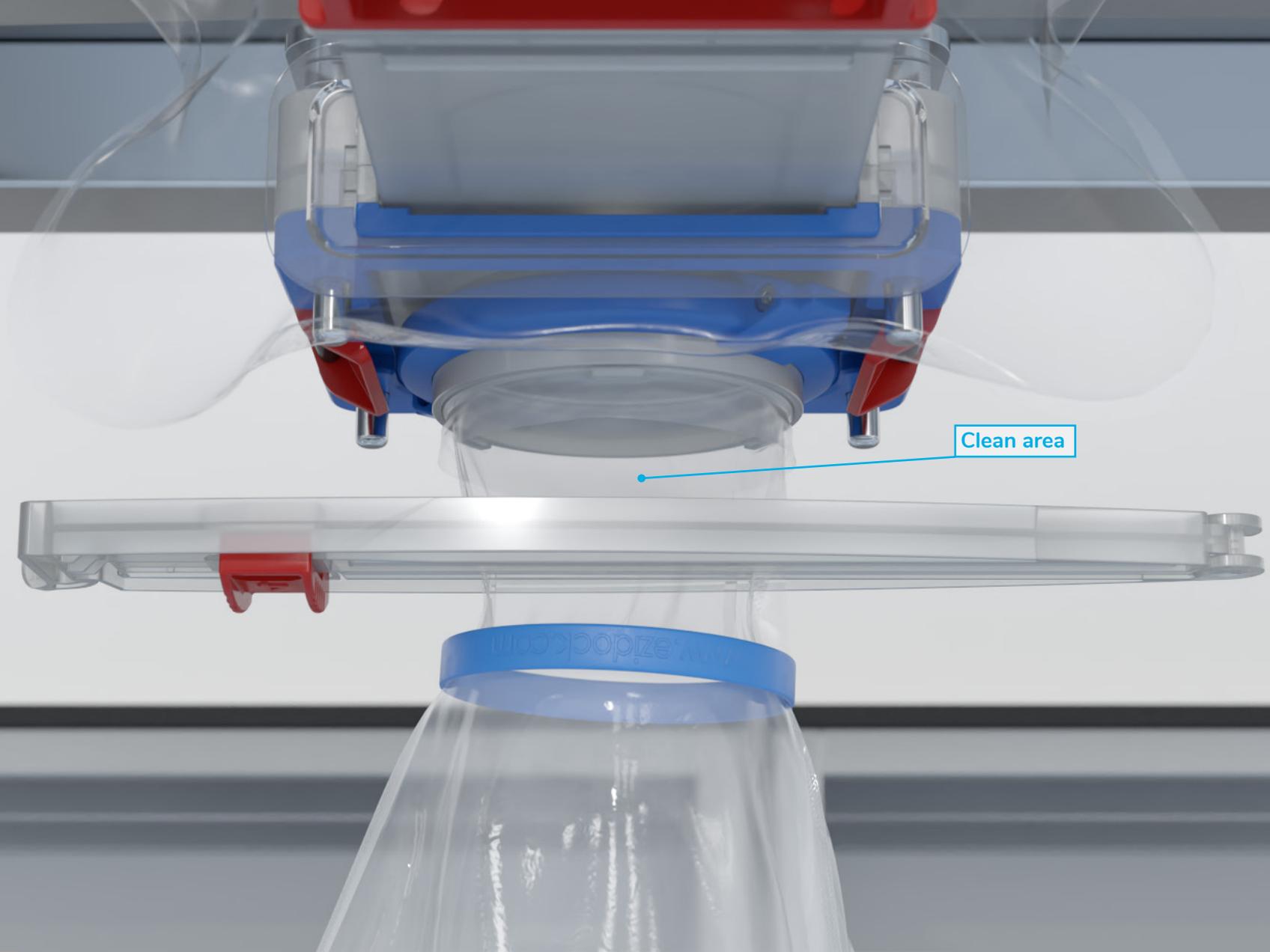
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11:

When filling is complete, remove the funnel and replace the blanking cap.

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Before removing the chargebag, first use the Ezi-Grip Single-use bag clamp to seal off the neck of the chargebag. Be sure to position the clamp in the clean area, between the passive and the filling band.

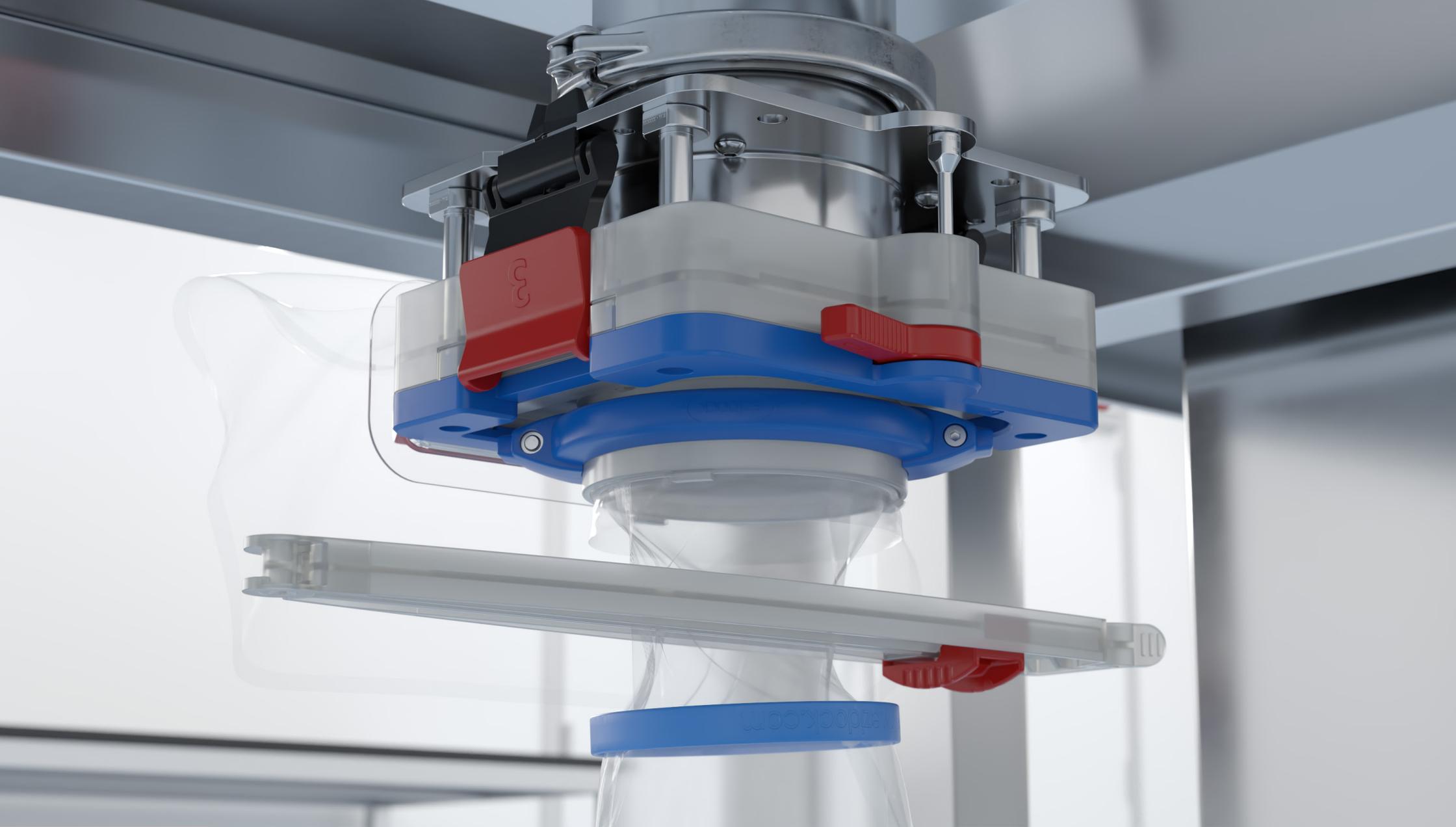
**⚠ Ensure the bag clamp is orientated with the red toggle facing downwards and to the left. This is an important step and best working practice when using the system.**



# 13:

Having created a complete seal by ensuring the bag clamp is fully closed, undock the passive by reversing the docking procedure.

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# 14:

Raise the two red side toggles marked number 3, push in the red handle marked number 2 and finally turn the rear red toggle, marked 1. Care should be taken not to allow the chargebag to fall when this final toggle is turned.

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# 15:

As an added safety feature, you can now insert the tamper evident security tag through the bag clamp handle. This will prevent accidental release of the clamp.  
The filling procedure is now complete.



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FOR ENTERPRISE:  
INNOVATION  
2014



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FOR ENTERPRISE:  
INNOVATION  
2015



THE QUEEN'S AWARDS  
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INNOVATION  
2019

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