

PIPETEADOR MANUAL DIGIPETTE DIGIPETTE PIPETTE CONTROLLER PIPETEUR MANUEL DIGIPETTE

DIGIPETTE

REFERENCIA - CODE - RÉFÉRENCE
MBB002, MBB004, MBB007



Este manual es parte inseparable del aparato por lo que debe estar disponible a todos los usuarios del equipo. Le recomendamos leer atentamente el presente manual y seguir rigurosamente los procedimientos de uso para obtener las máximas prestaciones y una mayor duración del mismo.

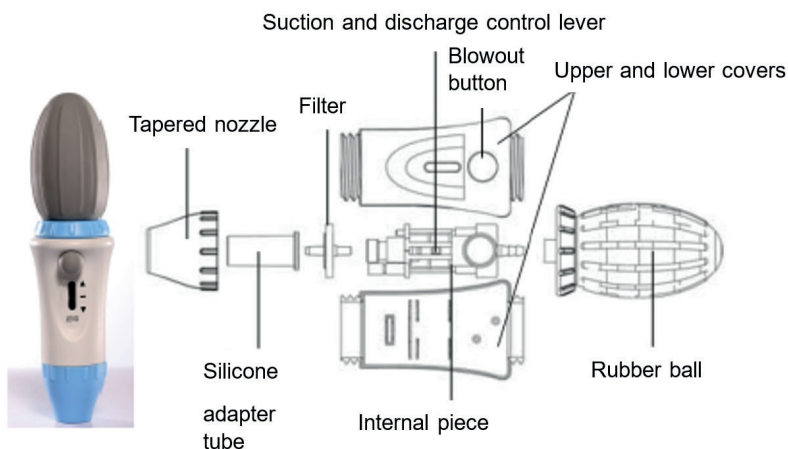
This manual should be available for all users of these equipments. To get the best results and a higher duration of this equipment it is advisable to read carefully this manual and follow the processes of use.

Ce manuel est une partie indissociable de l'appareil et doit être mis à la disposition de tous les utilisateurs de l'équipement. Nous vous recommandons de lire attentivement ce manuel et de suivre scrupuleusement les procédures d'utilisation afin d'obtenir des performances maximales et une plus longue durée de vie de l'appareil.

LANGUAGE INDEX

Spanish	1-3
English	4-5
French	6-7

Digipette Pipette Controller can be used with 0.1-100 mL volume range plastic and glass pipettes. If operated properly, the liquid contacts the pipette only.



INSTRUCTIONS

1. Insert the pipette

Carefully insert the pipette into the silicone adapter inside the tapered nozzle and ensure that excessive force is not used for this insertion.

2. Suction of liquid

Hold pipette controller vertically and press the rubber ball with the suction end of the pipette facing downwards. Place the suction end of the pipette into the liquid, push the suction and discharge control lever upwards slowly to aspirate liquid into the pipette until the crescent surface of the liquid is slightly in excess of the mark of the required volume on the pipette.

Note: don't let any liquid enter the controller. If the filter is damaged, its suction efficiency will decrease. The suction speed may change continuously according to the position of the suction and discharge control lever. The more upwards the lever is pushed, the faster the suction speed and the faster the crescent surface rises. If the large-volume pipette is used and the extent of vacuum formed by the rubber ball is insufficient for one-time suction of required amount of liquid, press the rubber ball once again before continuing to suck the liquid.

3. Adjust the crescent surface

Wipe the inlet end of the pipette with a clean lint-free soft cloth to wipe off liquid stuck to the outer wall of the pipette. Slowly press the suction and discharge control lever downwards until the crescent surface is exactly at the mark of required volume.

4. Discharge liquid

Place the liquid container in a slightly inclined position with the inlet end of the pipette leaned against the inner wall of the container, then press the suction and discharge control lever down to empty the pipette.

5. When using a blow-type pipette

Once the half-moon-shaped liquid surface pauses and cannot flow out, press the blowout button to blow out the liquid from the tube. To completely discharge the liquid, remove the nozzle from the liquid surface and lean it against the inner wall of the solution container in an inclined manner to drip the residual liquid.

6. When using "fast" type pipette

Once the half-moon-shaped liquid surface pauses and cannot flow out, wait for a moment until the liquid inside the tube flows out completely.

7. Remove the pipette

Hold the upper end of the pipette with hand and carefully turn the pipette to remove the pipette from the silicone adapter.

8. Replace the filter and clean the adapter

If any liquid enters the controller or if the aspiration speed is insufficient, please conduct the following steps to replace the filter / clean the adapter.

- a. Remove the pipette.
- b. Unscrew the tapered nozzle.
- c. Pull the silicone adapter out of the tapered nozzle and carefully clean the silicone adapter. Blow-dry the liquid on it after cleaning.
- d. Take out the filter and replace it with a new one.
- e. Reassemble.

9. Test the airtightness

Insert the pipette and aspirate the liquid to make the liquid at least reach half of the pipette's capacity. Place the pipette on top of a suitable solution container. If there is liquid drop on the end of the pipette, it indicates liquid leakage. In this case, disassemble the parts (as per Step 8) and then reassemble them correctly.