

INSTRUCTIONS

StarPet Safety Filler

INTRODUCTION

The StarPet Safety Filler is supplied with one 0.45µm filter, and four different colour pipette cones (white, pink, violet and green) to aid safety colour-coding.

The StarPet Safety Filler may be used with glass or plastic pipettes to facilitate the pipetting of a wide range of liquids. Pipettes within the volume range of 1ml to 100ml can be used. When used correctly, the liquid should only come into contact with the pipette.

OPERATING INSTRUCTIONS

1. Fitting the Pipette

Carefully attach the pipette by inserting it into the silicone holder inside the nose cone. DO NOT use force.

2. Filling the Pipette

Press the suction bulb first, whilst holding the StarPet Safety Filler in a vertical position with the pipette tip down. Place the tip of the pipette into the liquid to be aspirated. Press the aspirate lever slowly upwards, allowing the liquid to fill the pipette so the meniscus level is slightly above the required mark.

NOTE: DO NOT ALLOW LIQUID TO ENTER THE STARPET SAFETY FILLER

The function of the filter will be severely impaired, reducing suction efficiency.

3. Meniscus Adjustment

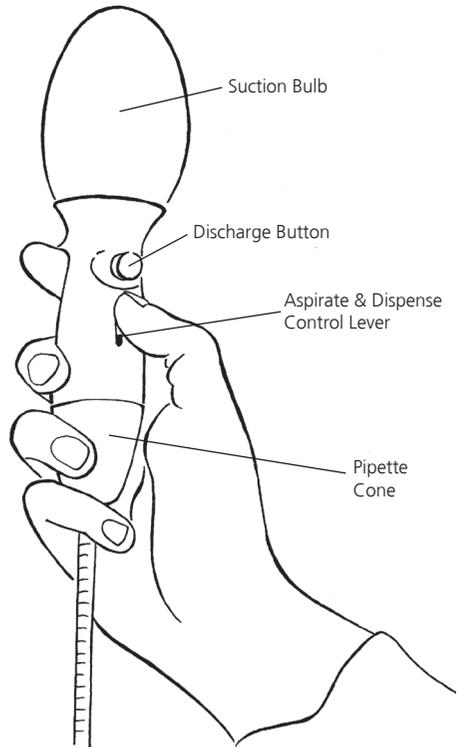
Wipe the pipette tips with a suitable lint-free tissue. Press the pipetting lever down slowly until the required meniscus has been reached.

4. Dispensing

Hold the receiving vessel in an inclined position, placing the pipette tip against its wall. Press the dispense lever down to empty the pipette.

5. 'Blow-Out' Pipettes

As soon as the meniscus in the pipette comes to a standstill, press the discharge button to expel the first few drops. To ensure a complete dispense procedure, wipe the pipette tip upwards a few millimeters along the inside wall of the receiving vessel.



6. 'To Deliver' Pipettes

As soon as the liquid in the pipette comes to a standstill, wait for the period of time required to ensure the timed liquid has been fully dispensed.

NOTE: Pipetting time is printed on the pipette eg. EX + 10s

7. To Remove Pipette

Hold the pipette at its upper end and gently twist to remove from the silicone pipette holder.

8. Cleaning

The StarPet Safety Filler can be easily maintained and cleaned. A damp cloth is all that is required.

9. Replacing the Filter

- 1). Remove the pipette. 2). Unscrew the pipette cone.
- 3). Remove old filter and replace with new. 4). Re-assemble.

10. Leak Test

Attach a pipette and aspirate liquid to a minimum of half the capacity of the pipette. Hold the pipette over a suitable reservoir. If liquid drips from the pipette tip, dismantle the unit (as above) and reassemble correctly.

11. Returning for Repair

If you need to return the StarPet Safety Filler for repair, the unit must be cleaned and decontaminated, and accompanied by a Decontamination Declaration. Contact STARLAB for a copy.

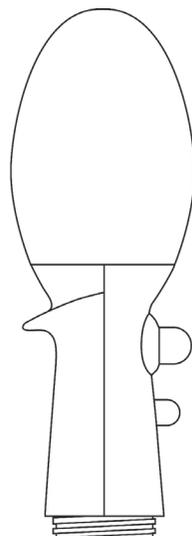
Spare Parts Ordering Information

Cat. No: E4866-0890 0.2µm Filter

Cat. No: E4866-0030 0.45µm Filter

Cat. No: E4266-0040 Replacement Silicone Pipette Holder

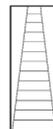
See the STARLAB Catalogue for our range of non-sterile and sterile serological pipettes



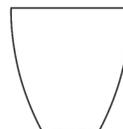
StarPet Safety Filler



Filter



Silicone Pipette Holder



Pipette Cone

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