

# Biofiller

## Operator Instructions

### Introduction

Biofiller 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 correctly used, liquid only comes 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 Biofiller 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 that the meniscus level is slightly above the required mark.

**Note:** Do not allow liquid to enter the Biofiller. The function of the filter will be severely impaired reducing suction efficiency.

Spare filters are available see over.

#### 3. Meniscus Adjustment

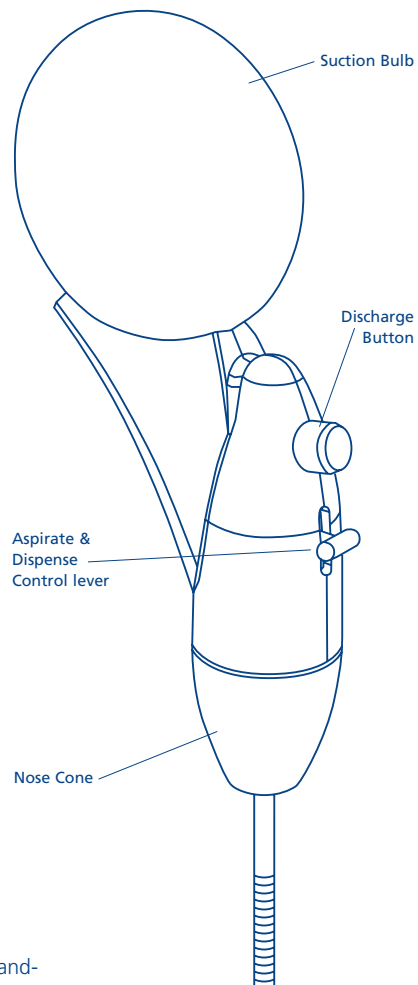
Wipe the pipette tip with a suitable lint-free tissue. Press the dispense lever down slowly until the required meniscus has been reached.

#### 4. Dispensing

Hold the receiving vessel in an inclined position, placing the pipette tip against the receiving vessel's 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 last few drops. To ensure a complete dispense Procedure, wipe the pipette tip upwards a few millimeters along the inside wall of the receiving vessel.



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## Operator Instructions (cont.)

#### 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 e.g. 'EX + 10s'

#### 7. To Remove Pipette

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

#### 8. Cleaning

The Biofiller can be easily maintained and cleaned. A damp cloth is all that is required.

#### 9. Replacing Filter

When replacement of the filter is necessary, proceed as follows:-

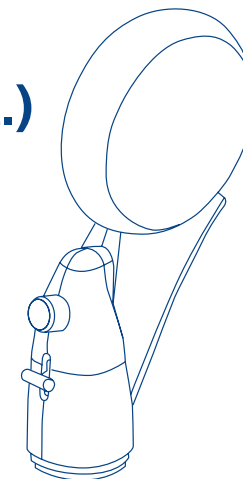
- remove pipette
- unscrew the nose cone
- remove the filter and replace with a new one (Cat. No. 721962)
- re-assemble

#### 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 (see 9) and re-assemble correctly.

#### 11. Returning For Repair

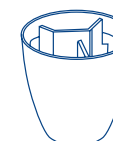
When returning Biofiller for repair, please ensure the instrument has been cleaned and decontaminated.



**Filter**  
Cat. No. 721962



**Silicone holder**  
Cat. No. 721962



**Nose Cone**  
White: Cat. No. 721964

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