

# Corning® Stripettor® Ultra Pipet Controller

## Frequently Asked Questions



### General

#### 1. What is a pipet controller?

The pipet controller is a device intended for pipetting liquids with the use of measuring pipets. They rapidly fill and release accurate volumes from a wide range of pipet sizes.

#### 2. Why should I use a pipet controller?

There are many benefits to using a pipet controller over a handheld pipettor. One of the main advantages is the high level of measurement accuracy, as this device greatly reduces the likelihood of producing erroneous results. Some other benefits are increased productivity, comfort, and pipetting efficiency.

#### 3. How do I operate my Corning Stripettor Ultra Pipet Controller?

To operate, first turn on the pipet controller and insert a pipet into the holder. Next, set the desired aspirating speed and volume, then begin pipetting using the aspirate and dispense buttons. More detailed operating instructions can be found in the Corning Stripettor Ultra Pipet Controller Instruction Manual (CLS-EQ-113) at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

#### 4. What type of pipets can be used with this device?

The Corning Stripettor Ultra Pipet Controller works with all types of glass or plastic pipets and has a volume range of 0.5 mL to 100 mL.

### Packaging and Accessories

#### 5. What items come with the Corning Stripettor Ultra Pipet Controller?

The Corning Stripettor Ultra Pipet Controller is supplied with a universal charger with set of adapters, three 0.2  $\mu\text{m}$  PTFE filters, 3 AAA batteries, wall hanger, charging stand, 3 colored nose pieces (yellow, green, red), and an instruction manual.

#### 6. Are any accessories sold separately?

Yes, the following accessories are available for purchase: silicone pipet holder (Cat. No. 4993), four colored nose piece set (orange, yellow, green, red; Cat. No. 4997), five 0.2  $\mu\text{m}$  PTFE filters (Cat. No. 4991), five 0.45  $\mu\text{m}$  PTFE filters (Cat. No. 4992), battery set (3xAAA, NiMH; Cat. No. 4994), charging stand (Cat. No. 4998), and universal power supply 9V with set of EU, US, UK, AUS adapters (Cat. No. 4996).

### Maintenance and Cleaning

#### 7. How often should I clean my Corning Stripettor Ultra Pipet Controller?

The pipet controller does not require any routine maintenance. If cleaning is required, the external parts may be cleaned with a swab moistened with isopropyl alcohol. The nose piece and the pipet holder may be autoclaved at 121°C for 20 minutes.

#### 8. Can the pipet controller filters be autoclaved?

The filters included in the set may be sterilized by autoclaving at 121°C for no more than 15 minutes.

#### 9. How often should I replace parts such as the silicone holder or the filter?

There is no routine maintenance required for the silicone holder or filters, but they should be replaced if they get broken or damaged.

## Filter

### 10. How do I replace the filter on my Corning® Stripettor® Ultra Pipet Controller?

To replace the filter, first remove the pipet, unscrew the nose piece, and remove both the membrane filter and pipet holder. Next, rinse the holder using a wash bottle, blow the liquid out of the holder, and set the holder aside until completely dry. Lastly, install the new membrane filter and reassemble the device in reverse order.

## Other

### 11. How do I know if I should use the HIGH or LOW pipetting speed?

It is recommended to set the LOW speed when working with volumes up to 5 mL, and the HIGH speed when working with volumes greater than 5 mL.

### 12. What should I do if my Corning Stripettor Ultra Pipet Controller is not working correctly?

If your pipet controller is not working correctly, refer to the Troubleshooting section of the Corning Stripettor Ultra Pipet Controller Instruction Manual (CLS-EQ-113) at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

### 13. What is the service life of the battery?

When used correctly, the battery should last for approximately 1,000 charging cycles. After a full charging cycle the pipet controller can be used for 8 hours continuously.

### 14. Is the Corning Stripettor Ultra Pipet Controller UV resistant?

The outer body of the pipet controller is UV resistant. Prolonged and intense UV exposure can cause decoloration of the pipet controller but will not affect performance.

### 15. What is the warranty period for the Corning Stripettor Ultra Pipet Controller?

The pipet controller comes with a 2-year warranty.

### 16. Are there any liquids that cannot be used with the Corning Stripettor Ultra Pipet Controller?

The pipet controller can be used with a wide variety of liquids; however, it should not be used with vapors that damage the following plastics: PP, SI, EPDM, or POM.

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