

ATTENTION:

This is an updated version of the pipette. This new line of pipettes has the following additional features:

- dual volume adjustment system
- fully autoclavable

Dual volume adjustment system

The pipetting pushbutton consists of 2 parts: the knob - lower part, and the pushbutton upper part.

After removal of the pushbutton from the pipette, the parts are separated.

Volume is adjusted by turning the knob in the pipetting pushbutton (Fig.1A) or by turning the black knurled adjustment ring in the appropriate direction. The top part of the pushbutton freely rotates to prevent accidental changing of pipette volume.

After recalibration, the pipetting pushbutton should be fixed by placing the adjustment knob on the arbor first and then the pushbutton.

Fully autoclavable

For convenience and the protection of sensitive laboratory applications we have made this pipette fully autoclavable.

The pipette can be sterilized in an autoclave at 121°C for 20 minutes. After sterilization, the pipette should be dried and cooled to room temperature.

It is recommended:

- to sterilize the pipette in autoclave with an initial vacuum and drying cycle,
- prior to sterilization, partially unscrew the shaft nut in the 2 μ l to 1000 μ l pipettes, and partially unscrew the shaft in the 5000 μ l and 10000 μ l pipettes. After autoclaving, these parts should be screwed tight again.

If autoclaving is carried out correctly, the precision of the results should not change. It is possible that a slight change in accuracy of dosage may occur. For that reason it is recommended to:

- to check the calibration of pipettes after the initial first, third and fifth autoclave cycle and then every 10 autoclave cycles after that.

Note: 5000 μ l and 10000 μ l pipettes should be autoclaved with the filter removed.

If pipetting becomes more difficult, ie increased force is required, the internal surfaces of the seal and O-ring should be lubricated. A tube of the proper lubricant is included with the pipette.