

## Instructions for use

Femtotips®/Femtotip II

English (EN)

This document is a supplement to the microinjector operating manual and does not replace it. Before installing the capillary, read the operating manual of the microinjector. The current version is available on the internet at [www.eppendorf.com](http://www.eppendorf.com).

## 1 Features

Femtotips and Femtotip II are sterile, single-use glass capillaries used to inject liquids into tissue culture cells.

Femtotips	Femtotip II
Protective cap, colorless	Protective cap, yellow
Inner diameter of tip 0.5 µm, ±0.2 µm	Inner diameter of tip 0.5 µm, ±0.2 µm
Normal wall thickness	Low wall thickness
Filament for quick filling	Filament for quick filling

## 2 Safety notes



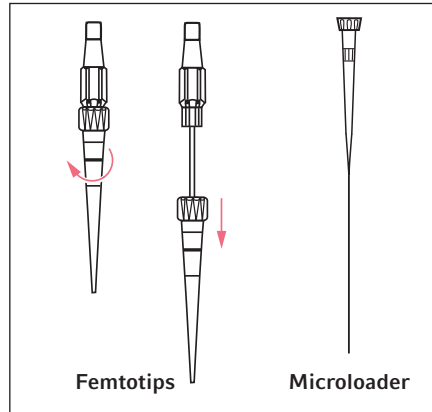
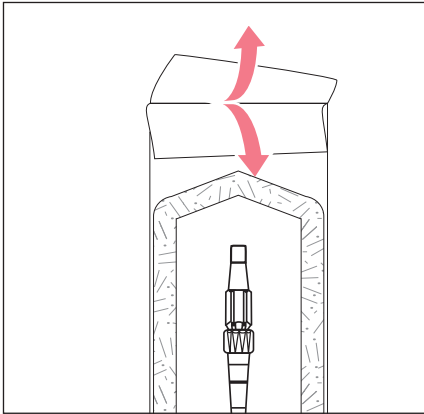
### **CAUTION! Risk of cuts from broken capillaries.**

Capillaries are made of glass. They are very sharp and fragile.

- ▶ Wear your personal protective equipment (PPE).
- ▶ Always mount capillaries depressurized.
- ▶ Never aim capillaries at people.
- ▶ Handle the capillaries very carefully.

- Check the packaging for damage.
- Do not use capillaries if the packaging is damaged.
- Only use capillaries as described here.
- Only trained personnel may use the capillaries.
- Fill and mount capillaries carefully.

### 3 Remove the capillary



1. Pull the foil apart and remove the capillary.
2. Hold the capillary upright.
3. Slightly turn the protective cap and let it drop down.

#### 3.1 Fill the capillary

Prerequisites

- A pipette with Microloader is available.
1. Aspirate the liquid into a Microloader.
  2. Insert the Microloader into the capillary from the connection side and dispense the liquid.

There are other options to aspirate liquid into the capillary.

- ▶ Aspirate liquid through the tip of the capillary under negative pressure.
- ▶ Immerse the connection side of the capillary into the liquid.  
The capillary action lets the liquid rise.

### 4 Ordering information

Order no. (International)	Order no. (North America)	Description
5242 952.008	930000035	<b>Femtotips</b> 20 pieces
5242 957.000	930000043	<b>Femtotip II</b> 20 pieces
5242 956.003	930001007	<b>Microloader</b> Eppendorf Quality, 2 racks of 96 tips 0.5 - 20 µL, light gray, length: 100 mm

Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)

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