

Selecting the right tip for your pipette

Micropipettes such as Pipetman and Microman must always be used with a suitable tip attached. Tips for Microman are also known as “capillaries”. Tips for Distriman are also known as “syringes”.

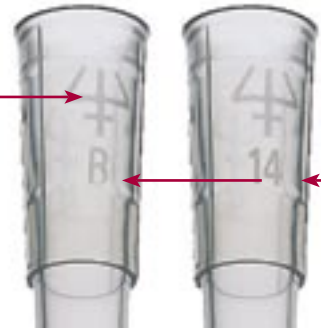
Used correctly, all of these pipettes provide guaranteed accuracy and precision provided that proper Gilson tips are used.

Safety first! Gilson capillaries and pistons for Microman are unbreakable. The risk of personal injury associated with glass capillaries is totally eliminated.

GUARANTEEING MANUFACTURING QUALITY

Every Diamond® precision tip is individually marked with the Gilson logo and with an identification number.

With this number, it is possible to identify the mold and even to locate the exact cavity which produced the tip.



GUARANTEEING TRACEABILITY

The batch number on every box and bag makes it possible to trace the itinerary of the tips from packaging to delivery to the laboratory.



Choosing the best tip for your application

Gilson tips are available in a variety of formats:

■ Loose in bulk packaging

An economical solution for routine. May be hand loaded in empty tip racks for convenience or for autoclaving in the laboratory.

**■ Racked for easy mounting
with no hand contact**

Hinged lids protect against dust. Convenient 96-well format for filling microtiter plates with a multichannel Pipetman. Color-coded for easy identification. Ready for autoclaving in the laboratory. Tip-racks may be reused.

**■ Racked and pre-sterilized
for working in sterile conditions**

Factory irradiated and delivered in a sealed tip rack.

■ Racked and with autoclavable filter

Tips with a filter prevent contaminating aerosols from entering the pipette. Gilson Diamond filter tips can be successfully autoclaved in the laboratory.

■ Racked and pre-sterilized with filter

Factory irradiated filter tips delivered in a sealed tip rack.

■ Individually wrapped and pre-sterilized

Opened just before use so the benefit of sterilization is assured right up to the last minute. A good solution when you only need a few tips.



Fit a disposable pipette tip



To fit a disposable tip on a Pipetman, hold the micropipette in one hand and use a slight twisting movement to seat the tip firmly on the shaft of the micropipette and to ensure an air-tight seal.

Diamond tips for Pipetman are available in TIPACK racks for easy mounting with no hand contact.



To mount DistriTips on a Distriman, consult the instruction manual.



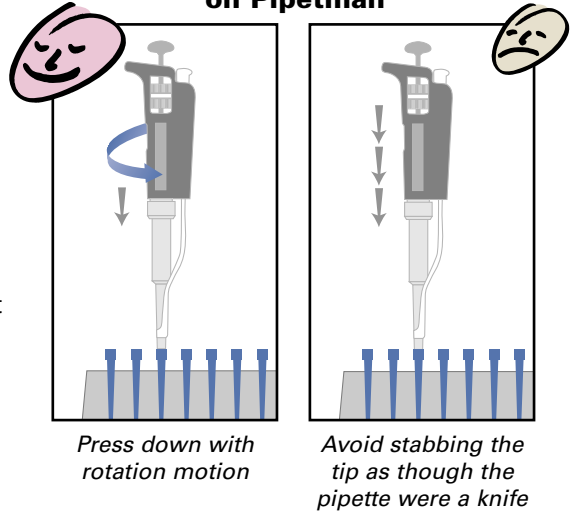
To fit a capillary and piston on a Microman, press the plunger button to the second stop. The jaws on the pipette will open automatically and seize the piston, mounting the capillary and piston in the correct position.

For maximum protection against contamination, capillaries and pistons for Microman are available pre-assembled, racked and pre-sterilized.



To fit tips on a Pipetman Ultra 8X300 multichannel pipette. When you are using a multichannel pipette with a standard flat-bed tip rack, it is not always easy to mount all eight tips at the same time. You have to push down hard, or even hammer and pound. The patented G-F.I.T. *system*[™] provides a firmer fit of the Gilson Diamond[®] Tips and most standard tips while decreasing the force to fit and eject, pick-up is fast, and tips won't fall off.

Fitting a disposable tip on Pipetman



Important

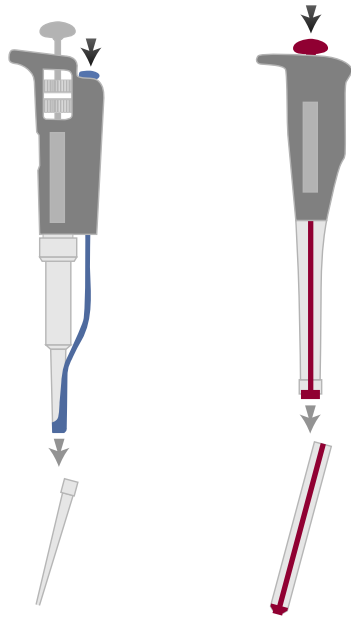
Always choose a tip recommended by the pipette manufacturer (see page16).

Important

Never attempt to use a micropipette without a suitable tip attached.

Eject the used tip and store the pipette in an upright position

To avoid touching contaminated tips, hold the pipette over the trash can and press the tip ejector push-button.



PIPETMAN
no-touch
disposal of tip

MICROMAN
no-touch disposal of
capillary and piston

Important

Discarded tips contain liquid residues, particularly when a pipette is used in the reverse mode. Take suitable precautions when discarding disposables.

Autoclavable bags are available for collecting, autoclaving and/or eliminating biohazardous waste. Special bags and anti-beta containers are also available for solid and liquid radioactive waste.

**Always eject used tips.
The residual liquid can
damage your pipette.**

When to change a tip

Repetitive dispensing of samples.

For repetitive dispensing of the same liquid (diluent, buffer or reagent), use the same pipette tip.

This method is economical and efficient.

It is advisable to pre-rinse the tip at the beginning of the test series.

Transferring single samples of different liquids.

Select a new pipette tip for each new liquid. It is recommended to pre-rinse every new pipette tip.