

Manual pipetting aids

Manual pipetting aids are used when pipetting a short series, primarily in chemical laboratories.

e.g., macro pipette controller from BRAND

The macro is compatible with the full range of bulb and graduated pipettes from 0.1 to 200 ml. The special valve system allows easy

meniscus adjustment. A hydrophobic membrane filter protects the system against penetrating liquid.

Handling



Create negative pressure

Squeeze bellow.



Filling

Move pipetting lever upward. The farther up the lever is pressed, the faster the pipette will fill.



Adjust meniscus / dispensing by 'free delivery'

Press pipetting lever slightly downward. The meniscus falls – release the lever, the meniscus stops.

To drain the pipette, press the lever all the way down. To comply with class A accuracy, do not blow out the residual liquid!

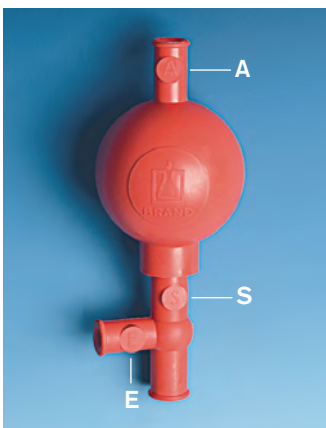


Blow out

When pipetting viscous media with 'free delivery', the pipette tip frequently does not empty completely. In these cases, blow out any remaining residues by pressing on the rubber bulb of the macro pipette controller.

Pipette filler

The classic standard pipetting aid for bulb and graduated pipettes.



Handling

1. Insert top of pipette
2. Press 'A' and squeeze the ball (create negative pressure)
3. Press 'S' to aspirate liquid just above the desired mark
4. Press 'E' to discharge liquid to the desired mark, or to drain the pipette

Blow out

To blow out viscous media, the side opening must be closed and the small ball compressed.

Attention!

The pipette filler should not be stored in the primed state, so that no liquid will be taken up!