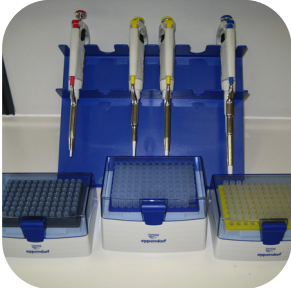


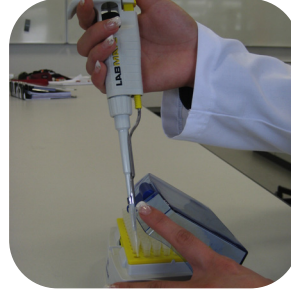
Using adjustable pipettors



Pipetting gear consists of a set of 4 adjustable pipettes easily identified by a color code and the matching pipette tips



Always point pipette tip downwards. Hold the pipette as shown in the picture



When feeding with a new tip, always open the tip box with the lid moving towards you in order to reduce contamination



Do not apply too much pressure when fitting a new tip.



Watch for the min. and max. pipetting volume. Upper reads minimum, lower reads maximum volume. Do not use lower border, choose other pipette



Adjust transfer volume with the black gearing. Please note that there are two yellow coded pipettes.



To load pipette press plunger until first stop. Dive the tip into the solution, then swiftly release the plunger.



The expected amount of liquid is then sucked into the tip.



Thumb position after liquid is sucked up.



Avoid diving tip into liquid when transferring probes to prevent adsorbed liquid from getting co-transferred



At first stop, the expected volume is transferred although some liquid is retained in the tip.



At second stop all liquid is pressed out of the tip. Use procedure with volumes below 20µl to overcome adhesion.