

# Graduated Pipette

*Messpipette*

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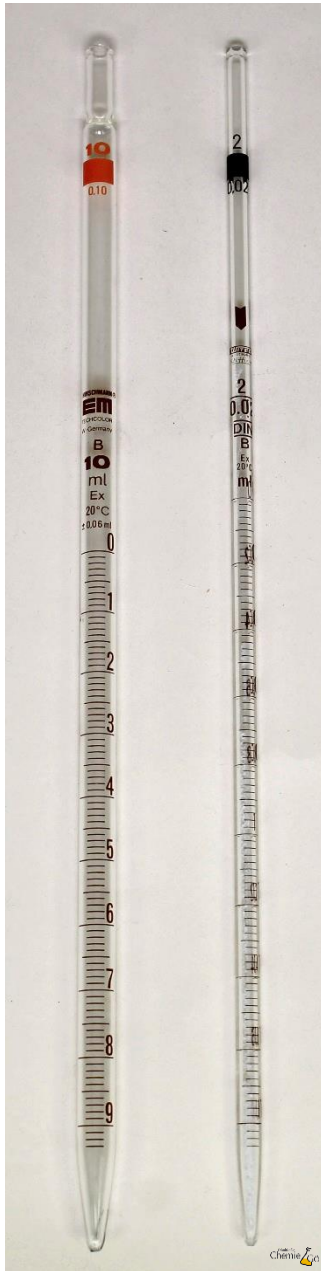


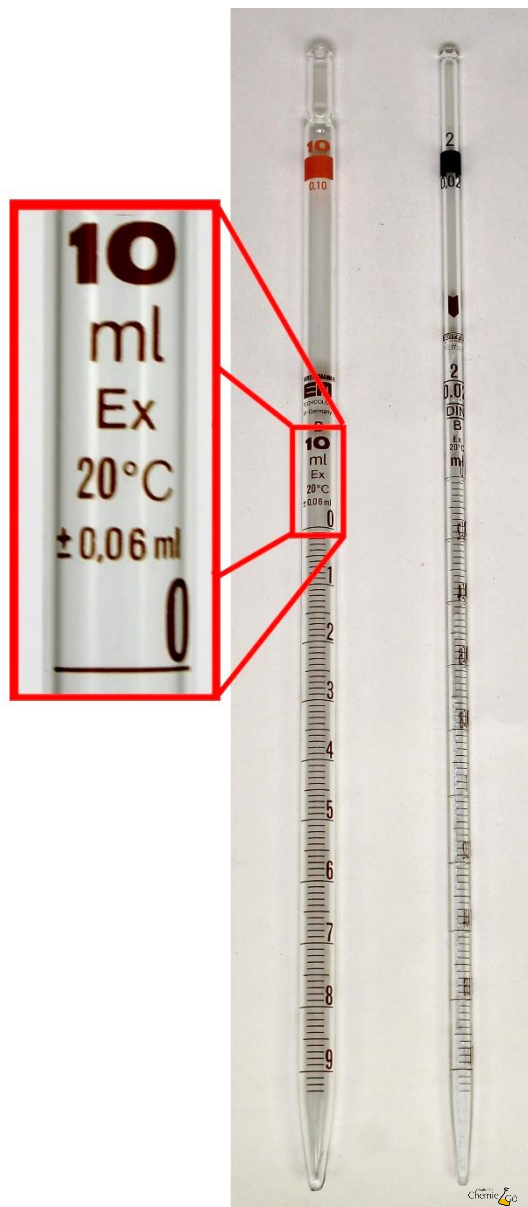
# Graduated Pipette

A graduated pipette is used to accurately dose liquids.

In contrast to a volumetric pipette, variable volumes can be measured with a graduated pipette.

However, this happens at the expense of the accuracy.





Typically, all volumetric instruments are provided with details regarding accuracy and application.

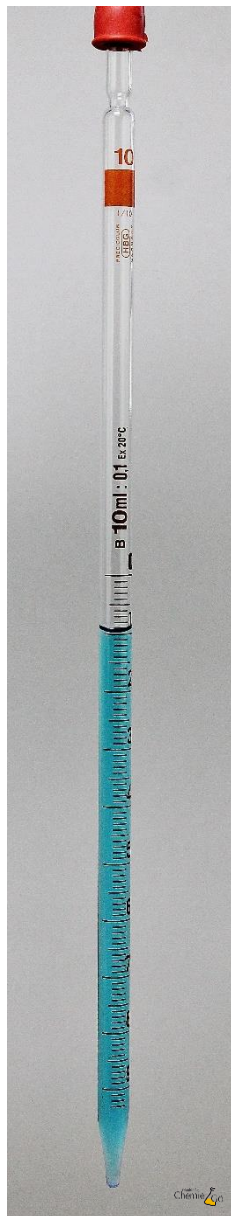
The following information is given on the imprint of a graduated pipette:

10 mL  $\triangleq$  nominal volume

Ex  $\triangleq$  calibrated for discharge

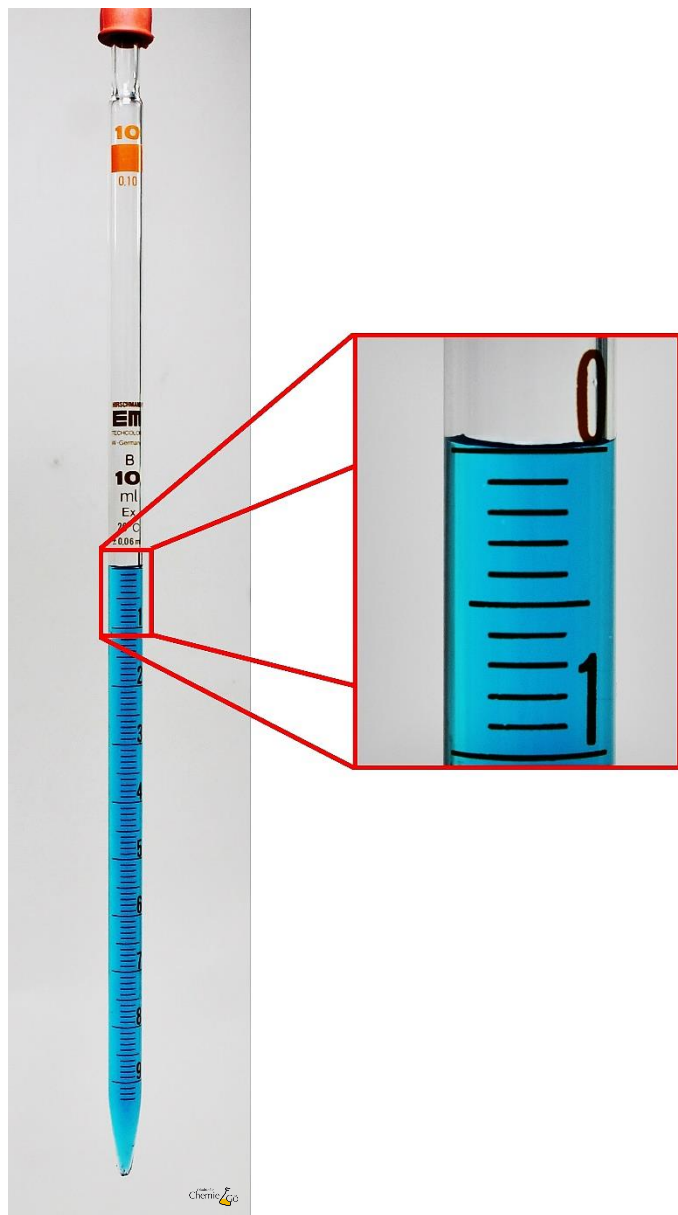
20°C  $\triangleq$  calibration temperature

$\pm 0.06$  mL  $\triangleq$  tolerance



Pipettes must always be held vertically.

Only this can guarantee an exact reading of the volume and prevent solution from advancing into the pipette aid.



When using a pipette, the solution is taken up until the 0 (zero) mark (lower edge of the meniscus).



The measured volume results from the difference after liquid release.

If the total nominal volume is needed, it must be made sure that a small residue is left in the pipette tip.

This residue has already been taken into account during the calibration.