

Aphrometers



Aphrometers are conceived to determine the pressure in bottles after bottling. There are several models, adapted to the different closure types.

Simple aphrometers

Consisting of a piercing needle ($\varnothing 4\text{mm}$) fixed to a manometer, they allow to measure pressure or vacuum in bottles of still or slightly sparkling wines with cork, for a direct and instantaneous readout.

Art. Nr. 100101 Simple aphrometer with manovacuometer-1/+1,5 bar

Art. Nr. 100104 Simple aphrometer with manometer 0/10 bar



Aphrometers with fixing bracket

Designed to measure pressure in bottles of sparkling wines or during secondary fermentation, they combine a pressure gauge (manometer), a holding system and a piercing system. The structure may vary depending on the closure type of the bottle. Standard aphrometer below are adapted to bottles with neck of diameter 29 mm.

Art. Nr. 100103 Permanent aphrometer with manometer 0/10 bar

Dedicated to permanent control of pressure increase during fermentation in bottle, it must be placed on the neck ($\varnothing 29\text{mm}$) directly after bottling, without any cap or cork. Accuracy is guaranteed by a perfect airtightness of holding system.

Art. Nr. 100102 «Crown cap» aphrometer for sparkling wines 0/10 bar

Equipped with a piercing system associated to an airtight fixing system, it shows the pressure instantaneously or permanently on bottle stoppered with crown cap (tinned iron and aluminum-stainless steel alloy). It can also be used to control the pressure increase during secondary fermentation, in the bottle.

Art. Nr. 100100 «Cork» aphrometer for sparkling wines 0/10 bar

With a sturdy fixing and piercing system, it allows to measure pressure instantaneously on bottles stoppered with cork. The detachable tip (Ref.100107) falls down inside the bottle after going through the cork to allow pressure measurement by the end of the needle. Supplied with 3 tips.



Options

- Fixing bracket for ring $\varnothing 26\text{mm}$
- Fixing bracket for screw cap (provide a scheme or a bottle)
- Fixing bracket for special bottles (provide a scheme or a bottle)
- Manometer other scales (0/4 bar, 0/6 bar...)
- Manometer Class 1 instead of class 1.6 ($\pm 1.6\%$)

Certification

A calibration connected to international standards of the aphrometer can be performed upon order. The instrument is supplied with a calibration certificate which indicates the correction to apply and confirms that the manometer complies with its class specifications. Norms recommend to calibrate the aphrometers on an annual basis.

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