

# A105 : Calcimeter, (gasometer) Dietrich-Fruhling

## CALCIMETER CARBONATE CONTENT $\text{CaCO}_3$ IN LIMESTONE AND LIME MARL

Used for the **determination of calcium carbonate ( $\text{CaCO}_3$ )** in certain products such as limestone and lime marl.

It mainly consists of a glass container in which the reaction between the calcium carbonate present in the product and a solution of hydrochloridric acid takes place. The gased product is collected and measured by a device connected to the container.

As the volume of the produced gas ( $\text{CO}_2$ ) is in relation to the  $\text{CaCO}_3$  amount contained in the material, it is possible to calculate the percentage of  $\text{CaCO}_3$ .

- **Dimensions:** 400x200x1100 mm
- **Weight:** 13 kg approx.



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