



### A105

#### Calcimeter, (Gasometer) Dietrich-Frühling CARBONATE CONTENT OF AGGREGATES

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 hydrochloric 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



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### ACCESSORIES:

#### A116-11

GAS JAR to determine the specific gravity of soils.  
Complete with glass cover.  
Diameter 75 mm by 300 mm height  
Weight: 1,3 kg

**A116-12** RUBBER BUNG for the gas jar A116-11



A116-11

A116-12

#### C279-02

SEPARATE CONTROL PANEL, complete with ON/OFF switch, timer, fuse, electric protections.

### A108

#### Crushing coefficient machine

STANDARD: CNR N°4

Composed by a metallic guide 500 mm long and 140 mm wide, suitable to contain 500 gr. of testing aggregates.

The guide is slid lengthwise and transversalwise through hand-wheels.

In the center of the table a metallic wheel 400 kg weight with band of 50 mm wide is foreseen.

The test is performed by passing the wheel on the aggregates contained into the guide for twelve times.

Dimensions:

1200x500x1850 mm

Weight: 640 kg



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C279-02

A117 + A116-11 + A116-12

### A117

#### End-Over-End shaker

STANDARD: EN 1997-2 / BS 1377:2

Used to determine the specific gravity of soils, it rotates two gas jars at approx. 50 rpm to satisfy BS Standard.

The shaker is equipped with an original friction device conforming the unit to CE Safety Directive.

Supplied "without" gas jars to be ordered separately

Power supply: 230 V 50 Hz 1 ph 150W

Dimensions: 550x430x500 mm

Weight: 20 kg

### S132N

#### Colour standard chart

STANDARDS: ASTM C40-11 Method D / AASHTO T21 / UNI 8020-14

For the determination of the organic impurities in soils and fine aggregates.

Chart with 5 glass reference scales.



S132-03

S132-02

S132N

**S132-01** Graduated impurities test bottle, stoppered, pyrex glass, 500 ml - ASTM C40

**S132-02** Graduated impurities test bottle, stoppered, pyrex glass, 500 ml, marked at 130 and 200 ml - UNI 8020-14

**S132-03** Graduated impurities test bottle, stoppered, pyrex glass, 1000 ml - ASTM C40

**V300-24** Sodium Hydroxide, pack of 1000 g