



# ANDEREN LIMITED



Registered in England number 4514202



## Wherever in the world quality matters Water Absorption Apparatus for testing to ISO 10545-12

### Overview

A ceramic testing instrument to execute the water absorption on the ceramic tiles using the method of the sample water impregnation in immersion under vacuum.

### Details

The instrument allows tests according to the Standards ISO 10545-3, ISO 10545-12



The cycles according to these three Standards are set on the instrument and the user can choose the appropriate test from the program selector.

The Standards define the sample introduction, achieving and maintaining vacuum

water introduction, pressure release to ambient and when the samples can be removed from the container.

The differences between the three cycles consist only in the vacuum values and in the duration time of the phases.

The instrument also allows for customized tests, but the succession and type of the phases remain the same:

#### WAV60 model

Suitable for tile sizes up to 60 x 60 cm.

#### General features:

Stainless steel tank and sample basket.

Basement and cabinet for switch board made of dry painted sheet metal.

Aluminium cover with handles, and fly wheels for locking.

Automatic cycle test.

Control board with keyboard and LCD display for test cycle setting and checking.

2 languages can be selected

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3 available units of measure: KPa - mbar - mm/H2O

Programmable vacuum range from -1 up to -90 KPa (-900 mbar / -9180 mm/H2O).

4 board-selected, water levels for adapting the level to the size of the tiles being tested.

Automated electro-valve operated water inlet system.

Automatic or manual water dump

Power input 230 V, single-phase, 50 Hz.

Power: 0,25 kW

Overall dimensions: 126 x 60 x114 cm.

Total net weight: 182 kg.

## [WAV120/120 model](#)

Features as per WAV60 model, but suitable for tile sizes up to 60 x 120 cm.

Power: 0,55 kW

Overall dimensions: 185 x 60 x114 cm.

Total net weight: 300 kg.

## Product Code

Vacuum Water Absorption Tester WAV60 - for tiles of dimensions 60 x 60cm

Vacuum Water Absorption Tester WAV120 - for tiles 60 x 120cm

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