



# ANDEREN LIMITED



Registered in England number 4514202



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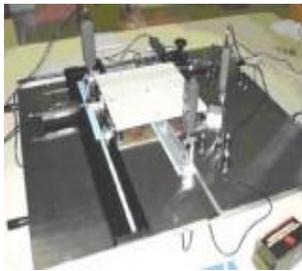
## ISO 10545-2 Dimensions Testing Equipment for Ceramic Tiles

### Overview

Universal Dimensions Testing Equipment

A semi-automatic instrument for determining the dimensional characteristics of tiles including length, orthogonality, flatness, warping, straightness of sides, and curvature/bending to ISO 10545-2

### Details



The universal dimensions testing equipment can be supplied in a variety of sizes to suit most applications.

The measuring takes place by comparing readings on reference digital gauges between a certified calibration plate and the test sample.

The instrument has ball races, which run on special linear guides placed on the various axes which ensures precise positioning of the comparators and the supporting sleeves.

Appropriate reference marks that rely on millimeter scales, allow the instrument to be configured in a simple and intuitive way for any sample size within the range of the particular model chosen.

The instrument is supplied with a laptop and operating system together with retrieval software for acquiring and analyzing data as specified within the ISO 10545-2 standards.



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## General features:

- \* Digital gauge, accuracy 1/100 mm.
- \* Measuring dimensions: from 80 x 80 up to 1300 x 1300 mm (depending on models).
- \* Measuring thickness: from 3 up to 15 mm.

## Supplied with:

6 digital gauges 1/100 mm, 6 USB cables, 1 USB hub supporting 7 inputs,  
1 USB connection cable to PC,  
Laptop with O.S. and data CEN/04 software pre-installed and tested,  
3 lifting and autostop cables for side comparators,  
Set of supports for tile thickness from 3 up to 15 mm.

## Product Codes

Tile Dimension testing apparatus ISO10545-2/DDS/700/D (bench type)

To suit tile sizes between 80 x 80 and 700 x 700 mm.

Overall dimensions 890 x 920 x 180 mm.

Net Weight 51 Kg.

ISO10545-2/DDS/1000/D (Bench or floor support type)

To suit tile sizes between 80 x 80 and 1000 x 1000 mm.

Overall dimensions 1190 x 1220 x 900 mm.

Net Weight 102 Kg.

ISO10545-2/DDS/1300/D (floor support type)

To suit tile sizes between 80 x 80 and 1300 x 1300 mm.

Overall dimensions 1490 x 1520 x 900 mm.

Net Weight 122 Kg.

These instruments can also be supplied without the software and computer. In this case readings are

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taken manually

ISO10545-2/DDS/700/E (bench type)

Suitable for tiles of sizes between 80 x 80 and 700 x 700 mm.

Overall dimensions 890 x 920 x 180 mm.

Net Weight 50 Kg.

ISO10545-2/DDS/1000/E (floor/bench support type)

Suitable for tile sizes between 80 x 80 and 1000 x 1000 mm.

Overall dimensions 1190 x 1220 x 900 mm.

Net Weight 100 Kg.

ISO10545-2/DDS/1300/E (floor support type)

Suitable for tile sizes between 80 x 80 and 1300 x 1300 mm.

Overall dimensions 1490 x 1520 x 900 mm.

Net Weight 120 Kg

## Spare parts:

Floor Mounted Bench ISO10545/Bench

Digital comparator ISO10545-2/DDR/Gauge

USB cable for comparator ISO10545-2/DDR/UCAB

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## ISO10545-2 Calibration Tiles for Dimension Measuring Apparatus

### Overview

Precision reference plates to set zero on dimensional measurement equipment for the ceramic testing to ISO10545-2

### Details

When testing tiles to ISO10545-2 using Dimensions Testing Equipment you need to have a range of certified calibration tiles . There is a wide range of sizes available to suit most sizes of tiles

### Features

- \* Ground aluminium reference plates with thickness between 8 and 12 mm depending on the size
- \* No sharp edges
- \* Fully anodized
- \* Bigger plates have holes for easy handling and weight reduction
- \* Tolerance: up to the nominal size of 600 x 600 mm at the temperature of 15 - 22 C  $\pm$  0,06 mm (orthogonality, dimensions, sides curvature, flatness and planarity)
- \* Supplied with test certificate

### Products

ZEROING PLATE 20X20 MM Thickness 7 - 8 mm.

ZEROING PLATE 25X25 MM Thickness 7 - 8 mm.

ZEROING PLATE 38X38 MM Thickness 7 - 8 mm.

ZEROING PLATE 45X45 MM Thickness 7 - 8 mm..

ZEROING PLATE 50X50 MM Thickness 7 - 8 mm.

ZEROING PLATE 75X200 MM Thickness 10 - 11 mm.

ZEROING PLATE 95X95 MM Thickness 10 - 11 mm.

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- ZEROING PLATE 100X100 MM Thickness 10 - 11 mm.
- ZEROING PLATE 100X200 MM Thickness 10 - 11 mm.
- ZEROING PLATE 108X108 MM Thickness 10 - 11 mm.
- ZEROING PLATE 115X115 MM Thickness 10 - 11 mm.
- ZEROING PLATE 120X240 MM Thickness 10 - 11 mm.
- ZEROING PLATE 124X124 MM Thickness 10 - 11 mm.
- ZEROING PLATE 125X250 MM Thickness 10 - 11 mm.
- ZEROING PLATE 150X150 MM Thickness 10 - 11 mm.
- ZEROING PLATE 150X200 MM Thickness 10 - 11 mm.
- ZEROING PLATE 150X250 MM Thickness 10 - 11 mm.
- ZEROING PLATE 150X300 MM Thickness 10 - 11 mm.
- ZEROING PLATE 200X200 MM Thickness 10 - 11 mm.
- ZEROING PLATE 200X250 MM Thickness 10 - 11 mm.
- ZEROING PLATE 200X300 MM Thickness 10-11 mm.
- ZEROING PLATE 200X350 MM Thickness 10 - 11 mm.
- ZEROING PLATE 200X400 MM Thickness 12 - 13 mm.
- ZEROING PLATE 200X600 MM Thickness 12 - 13 mm
- ZEROING PLATE 240X240 MM Thickness 12 - 13 mm.
- ZEROING PLATE 250X250 MM Thickness 12 - 13 mm.
- ZEROING PLATE 250X300 MM Thickness 12 - 13 mm.
- ZEROING PLATE 300X300 MM Thickness 12 - 13 mm.
- ZEROING PLATE 300X400 MM Thickness 12 - 13 mm.
- ZEROING PLATE 300X450 MM Thickness 12 - 13 mm.
- ZEROING PLATE 300X500 MM Thickness 12 - 13 mm.
- ZEROING PLATE 300X600 MM Thickness 12 - 13 mm.
- ZEROING PLATE 350X350 MM Thickness 12 - 13 mm.

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ZEROING PLATE 350X400 MM Thickness 12 - 13 mm.

ZEROING PLATE 350X500 MM Thickness 12 - 13 mm.

ZEROING PLATE 400X400 MM Thickness 12 - 13 mm.

ZEROING PLATE 400X600 MM Thickness 12 - 13 mm.

ZEROING PLATE 450X450 MM Thickness 12 - 13 mm.

ZEROING PLATE 500X500 MM Thickness 12 - 13 mm.

ZEROING PLATE 600X600 MM Thickness 17 - 18 mm.

ZEROING PLATE 700X700 MM Thickness 17 - 18 mm.

ZEROING PLATE 800X800 MM Thickness 17 - 18 mm.

Other sizes available on request

## ACCESSORIES

### CALIBRATION CERTIFICATE SIT UP 200X200

For zeroing plates with size up to 200x200 mm; includes 26 measurements as prescribed by the European Standard EN 98 with accuracy of 1/100 mm

### CALIBRATION CERTIFICATE SIT 200 TO 350

For zeroing plates with size from 200 to 350 mm; includes 26 measurements as prescribed by the European Standard EN 98 with accuracy of 1/100 mm

### CALIBRATION CERTIFICATE SIT 350 TO 500

For zeroing plates with size from 350 to 500 mm; includes 26 measurements as prescribed by the European Standard EN 98 with accuracy of 1/100mm

### CALIBRATION CERTIFICATE SIT 500 TO 600

For zeroing plates with size from 500 to 600 mm; includes 26 measurements as prescribed by the European Standard EN 98 with accuracy of 1/100 mm

CALIBRATION CERTIFICATE SIT 600 TO 800 For zeroing plates with size from 600 to 800 mm; includes 26 measurements as prescribed by the European Standard EN 98 with accuracy of 1/100 mm

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