

UNIVERSAL GAUGE DDS SERIES

UNIVERSAL GAUGE DDS SERIES complete with software for acquiring and elaborating data.

Semi-automatic laboratory instrument for determining the dimensional characteristic in the tiles (length, orthogonality, flatness, warping, straightness of sides, curvature/bending of the sides) according to **UNI EN**

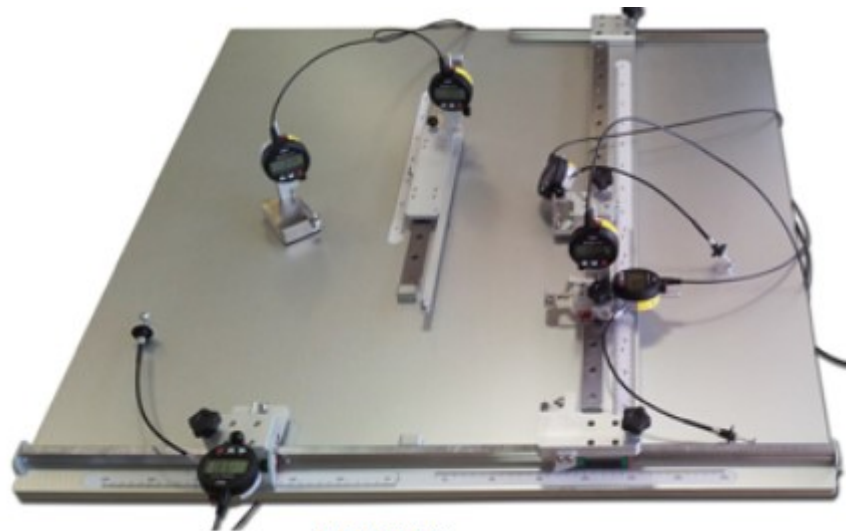
ISO 10545-2 standard.

The measuring takes place by difference between the reference digital gauge, calibration plate and the ceramic tiles. Recirculating ball running, which run on special linear guides placed on the various axes ensure precise positioning of the comparators and the supporting sleeves. The appropriate reference marks that rely on millimetre scales, allow to configure the instrument in a simple and intuitive way for any size including in the field of measurement.

The instrument is equipped with Laptop, O.S. (Italian or English) and software for acquiring and elaborating data as requested by ISO 10545-2 standards.

General features:

- Digital gauge, accuracy 1/100 mm.
- Measuring dimensions: from 80x80 up to 1300x1300 mm (depending on models).
- Measuring thickness: from 3 up to 15 mm.



Art. 01CI2920

Model	Tiles Sizes	Overall Dimensions	Product Code
DDS/700/D (Bench Type)	80x80mm up to 700x700mm	8900x920x250 mm 60kg	01CI2920
DDS/1000/D (Floor Support)	80x80mm up to 1000x1000mm	1190x1220x900 mm 102kg	01CI2922
DDS/1300/D (Floor Support)	80x80mm up to 1300x1300mm	1490x1520x900 mm 122kg	01CI2924

ACCESSORIES AND SPARE PARTS

- Digital Comparator for acquiring data 01CI2920/A
- USB cable for comparator 01CI2920/B

WIRELESS DIAL GAUGES VERSION

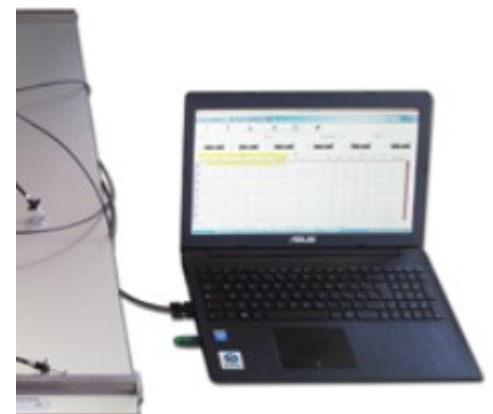
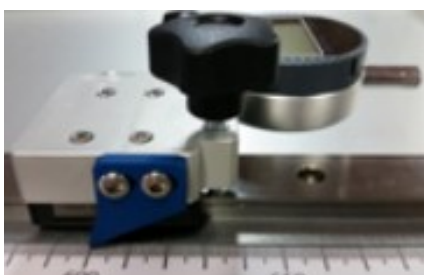
Description of the dataCEN/04 software

- Software in a Windows environment with guided installation instructions, offering the possibility to customize company information and logos in order to automatically create test reports complying with standards.
- Comparator resetting function, making reference to a sample plate and simultaneous acquiring of 6 measurements with just one click.
- Possibility to create, display and print charts of all measurements made.
- Possibility to export the measures in file excel type.
- Attractive and intuitive graphics to make usage easy.
- Window with 6 virtual displays for reading comparator information in real time.
- Automatic progressive numbering of tests, which can be customised with alphanumeric characters.
- Filing and cataloguing of tests performed.

Model	Tiles Sizes	Overall Dimensions	Product Code
DDS/700/DW (Bench Type)	80x80mm up to 700x700mm	8900x920x250 mm 60kg	01CI2926
DDS/1000/DW(Floor Support)	80x80mm up to 1000x1000mm	1190x1220x900 mm 102kg	01CI2928
DDS/1300/DW (Floor Support)	80x80mm up to 1300x1300mm	1490x1520x900 mm 122kg	01CI2930

ACCESSORIES AND SPARE PARTS

Digital Wireless Comparator for acquiring data 01CI2926/A
 USB Receiver for wireless dial gauges 01CI2926/B



CALIBRATION PLATES

Manufactured in aluminium alloy, anodized, and grind on all the surfaces. Thickness 15 mm. Supplied complete with control certificate and wooden case.

Tolerance (at 20 °C.):

1) Dimensionals:

- a) On the tickness, $\pm 0,1$ mm.
- b) On the dimensions, $\pm 0,1$ mm.

2) On the shape:

- a) On the flatness 0,15 mm to linear meter
- b) On parallelism and squareness, 0,1 mm.

Dimensions or request (15 mm thickness).

Plate Options

mm 100 x 100 x 15 Net weight Kg. 0,4	mm 300 x 400 x 15 Net weight Kg. 4,8
mm 100 x 150 x 15 Net weight Kg. 0,6	mm 300 x 450 x 15 Net weight Kg. 5,4
mm 100 x 200 x 15 Net weight Kg. 0,8	mm 300 x 500 x 15 Net weight Kg. 6,0
mm 100 x 300 x 15 Net weight Kg. 1,2	mm 300 x 600 x 15 Net weight Kg. 7,3
mm 100 x 400 x 15 Net weight Kg. 1,6	mm 330 x 330 x 15 Net weight Kg. 4,4
mm 100 x 500 x 15 Net weight Kg. 2,0	mm 330 x 500 x 15 Net weight Kg. 6,6
mm 100 x 600 x 15 Net weight Kg. 2,4	mm 330 x 660 x 15 Net weight Kg. 8,8
mm 150 x 150 x 15 Net weight Kg. 0,9	mm 400 x 400 x 15 Net weight Kg. 6,4
mm 150 x 200 x 15 Net weight Kg. 1,2	mm 450 x 450 x 15 Net weight Kg. 8,2
mm 150 x 300 x 15 Net weight Kg. 1,8	mm 500 x 500 x 15 Net weight Kg. 10,1
mm 150 x 600 x 15 Net weight Kg. 3,6	mm 500 x 1000 x 15 Net weight Kg. 20,2
mm 200 x 200 x 15 Net weight Kg. 1,6	mm 600 x 600 x 15 Net weight Kg. 14,5
mm 200 x 250 x 15 Net weight Kg. 2,0	mm 600 x 1200 x 15 Net weight Kg. 29,1
mm 200 x 300 x 15 Net weight Kg. 2,4	
mm 200 x 330 x 15 Net weight Kg. 2,7	
mm 200 x 400 x 15 Net weight Kg. 3,2	
mm 200 x 500 x 15 Net weight Kg. 4,0	
mm 250 x 250 x 15 Net weight Kg. 2,5	
mm 250 x 330 x 15 Net weight Kg. 3,3	
mm 250 x 400 x 15 Net weight Kg. 4,0	
mm 250 x 500 x 15 Net weight Kg. 5,0	
mm 300 x 300 x 15 Net weight Kg. 3,6	

