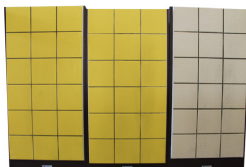




CODEGT2399
OVERALL DIMENSION2520x1310x3500 mm
POWER230 V, 50/60 Hz

SET OF 3 CALIBRATION BOARDS. GT1645



PAIR OF SHOES. GT1644



PLATFORM ISO-DIN-CEN

STANDARDS

DIN-51097-1992-11 | DIN 51130:2014-02 | CEN TS16165:2016 annex A | CEN TS16165:2016 annex B

DESCRIPTION

To determine the dynamic critical angle. The equipment is manufactured in accordance to DIN-51097-1992-11, DIN 51130:2014-02 CEN TS16165:2016 annex A, CEN TS16165:2016 annex B consists mainly of a painted steel framework, a stainless-steel platform with adjustable angle to arrange the panel of 100x50 cm with floor ceramic tiles suitably glued. The operative shall wear the safety belt provided and walk back and forth onto the platform while this is getting inclined at the rate of 1° per second. The movement is stopped by the operator on the critical angle of slipperiness. The test will be repeated several times close to the angle found to be critical, in order to get a more precise value.

TECHNICAL SPECIFICATIONS

- Moving controlled by electromechanical actuator
- Platform, width 600 mm, length 2000 mm
- Hanging pushbutton board for (start-stop-valid critical angle) control by the operative
- Platform angle controlled by digital instrument in the range from 0 to 45° degrees
- Inclination controlled by digital instrument, precision $\pm 0,1^\circ$
- 1° inclination speed per second through linear actuator
- Range of working angles: 0°-45° according to the standard DIN/CEN
- Incline in steps of 0.5°
- Tank for heating water (DIN 51097) on demand
- Digital angle measurement unit with $\pm 0,2^\circ$ degree accuracy
- External water tank of 1000 Lt (CEN TS 16165)
- The fluctuation of the angle during walking does not exceed $\pm 0,5^\circ$ degrees
- Directional adjustable spray nozzles
- Water system to supply water with a flow of 6 ± 1 liter / min.
- Calibrated flowmeter 6 Lt./min
- Water heating system at 29° $\pm 2^\circ$ C
- 2 temperature controllers + PT 100 probe
- Closed / open loop system (according to DIN51097 or CEN TS 16165: 2016 annex A)
- 2 hydraulic pumps for water circulation
- Safety tools against falling for the operator: barriers on both sides, rope, safety belt.
- 7 "touchscreen digital controller inclinometer with calibration certificate (accredited laboratory)
- Water heating according to DIN 51097 and CEN TS16165
- Flowmeter with calibration certificate (accredited laboratory)
- Supply: 230 V - 50/60 hz single phase

EQUIPMENT

- Pendant control panel
- FP CEN 35 harness rope
- K4 CEEN 385 safety belt
- Service ladder

ACCESSORIES AND SPARE PARTS

GT1644	Pair of shoes n°42 according to DIN 51130:2014 - 02
GT1645	Set of 3 calibration boards primary ST-I, ST-II, ST-III A, according to DIN 51130: 2014-02
GT1990	Kit for heating water according to DIN 51097: 2016-04
GT2438	Water recirculation pump
GT2341	Actuator
GT2342	Safety Harness
GT2440	Water tank resistance
GT2441	Water external tank resistance
GT2422	Set of 3 calibration boards primary ST-A, ST-B, ST-C according to CEN TS 16165 - Annex A