



## FLEXI STD

CODE ..... **GT1279**  
 MODEL ..... **FLEXI 3000 LX-950**  
 TILE SIZES ..... 100x100+950x950 mm  
 OVERALL DIMENSIONS ..... 1150x1050x1050 mm  
 MAX FORCE ..... 3000 kg  
 POWER ..... 400 W  
 WEIGHT ..... 220 Kg



## FLEXI MOV

CODE ..... **GT1560**  
 MODEL ..... **FLEXI 3000 LX-950**  
 TILE SIZES ..... 100x100+950x950 mm  
 OVERALL DIMENSIONS ..... 1150x1050x1050 mm  
 MAX FORCE ..... 3000 kg  
 POWER ..... 400 W  
 WEIGHT ..... 240 Kg

## ACCESSORY FOR FLEXI



PATENT PENDING N° 202016000095039

CODE ..... **GT1932**  
 MODEL ..... **EXTRACTABLE SUPPORTS RODS WITH KNIVES**

CODE ..... **GT1546**  
 MODEL ..... **TOUCH SCREEN with support**

## FLEXI 3000 LX-950

### STANDARDS

UNI EN 14617 - 2, UNI EN 12372 : 2006, UNI EN ISO 10545-4, ASTM C 648, UNI EN 1340

### DESCRIPTION

Instrument for the determination of max load and flexing modulus of rupture on, agglomerated materials and natural stones. Semiautomatic instrument, consisting and adjustable supports to the sample. The upper knife (with electronic adjustable speed as requested to the standards), shall come down to press the sample till breakage. Change up to 2 load cells with autorecognition.

The flexi is produced in two versions:

**FLEXI STD:** The knives support are positioned manually in the holes of the base.

**FLEXI MOV:** The knives support are easy positioned using a crank. In this version can be take the GT1929 accessories that permit the extraction of the knives support.

In this way it's easy to position the test tile.

The Touch accessories can be used in the STD or MOV Version.

The instruments are produced according to the standard UNI EN ISO 10545-4

Other Standard on demand

### TECHNICAL SPECIFICATIONS

- Samples test: from 100x100 up to 950 x950 mm
- Load cell range: 3000 kg
- Change up to 2 load cells with auto-recognition
- Max load applicable: 3000 Kg
- Resolution on display: 100 g
- Max applied load is shown in Kg or daN
- Electro-mechanical operation
- Adjustable speed and programmable
- Load applied is programmable thus enabling to meet
- Requirements
- Automatic calculation of the S and  $\delta$
- Plexiglass safety protection with micro switch
- Software for the recording of the test, graphic showing time-load, deflection load, the storage of the tests made
- Supply: 230 V- 50 Hz single phase (other voltage on request)
- Internal printer
- Supply: 230 V- 50 Hz single phase (other voltage on request)

### EQUIPMENT

- Load cell 3000 kg
- Software and connection cable RS-232 for PC

### ACCESSORIES AND SPARE PARTS

GT2575	Kit knives L: 950 and load cell up to 200 Kg
GT1532	Touch Screen
GT1546	Touch screen with support
GT1700	Deflection Kit
GT0256	Kit for ASTM C648
GT1467	Minidin
GT1168	N° 20 rolls of thermal paper for printer
GT1562	Kit knives L: 950 for UNI EN 14617-2; 12372; 1339, 1340
GT1705	Calibration report box by ACCREDIA for 3000 Kg
GT1706	Calibration report by ACCREDIA for load cell 3000 Kg
GT1932	Extractable supports rods with knives

**FLEXI STD**

CODE ..... **GT1436**  
MODEL ..... **FLEXI 3000 LX-1250**  
TILE SIZES ..... 100 x 100 + 1250 x 1250 mm  
OVERALL DIMENSIONS ..... 1350x1250x1050 mm  
MAX FORCE ..... 3000 kg  
POWER ..... 400 W  
WEIGHT ..... 340 Kg

**FLEXI MOV**

CODE ..... **GT1561**  
MODEL ..... **FLEXI 3000 LX-1250**  
TILE SIZES ..... 100x100+1250x1250 mm  
OVERALL DIMENSIONS ..... 1550x1450x1200 mm  
MAX FORCE ..... 3000 kg  
POWER ..... 400 W

CODE ..... **GT1758**  
MODEL ..... **FLEXI 3000 LX-1250x1900**  
TILE SIZES ..... 100x100+1250x1900 mm  
OVERALL DIMENSIONS ..... 2150x1400x1180 mm  
MAX FORCE ..... 3000 kg  
POWER ..... 400 W  
WEIGHT ..... 450Kg

**ACCESSORY FOR FLEXI**

PATENT PENDING N° 202016000095039

CODE ..... **GT1933**  
MODEL ..... **EXTRACTABLE SUPPORTS RODS  
WITH KNIVES**

CODE ..... **GT1546**  
MODEL ..... **TOUCH SCREEN with support**

**FLEXI 3000 LX-1250****STANDARDS**

UNI EN 14617 - 2, UNI EN 12372 : 2006, UNI EN 1339 , UNI EN ISO 10545-4, ASTM C 648

**DESCRIPTION**

Instrument for the determination of max load and flexing modulus of rupture on, agglomerated materials and natural stones. Semiautomatic instrument, consisting and adjustable supports to the sample. The upper knife (with electronic adjustable speed as requested to the standards), shall come down to press the sample till breakage. Change up to 2 load cells with autorecognition.

The flexi is produced in two versions:

**FLEXI STD:** The knives support are positioned manually in the holes of the base.

**FLEXI MOV:** The knives support are easy positioned using a crank. In this version can be take the GT1929 accessories that permit the extraction of the knives support. In this way it's easy to position the test tile.

The Touch accessories can be used in the STD or MOV Version.

The instruments are produced according to the standard UNI EN ISO 10545-4

Other Standard on demand

**TECHNICAL SPECIFICATIONS**

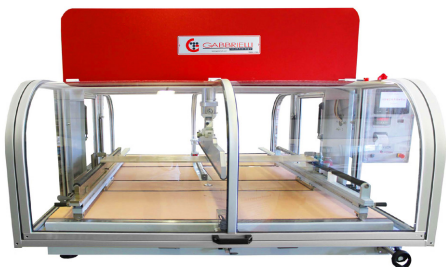
- Samples test: from 100x100 up to 1250 x 1250 mm (GT1561) - 1250X1900 (GT1758)
- Load cell range: 3000 kg
- Change up to 2 load cells with auto-recognition
- Max load applicable: 3000 Kg
- Resolution on display: 100 g
- Max applied load is shown in Kg or da N
- Electro-mechanical operation
- Adjustable speed and programmable
- Load applied is programmable thus enabling to meet
- Requirements
- Automatic calculation of the S and  $\delta$
- Plexiglass safety protection with micro switch
- Software for the recording of the test, graphic showing time-load, deflection load, the storage of the tests made
- Supply: 230 V-50/60 Hz one phase ( other voltage on demand) 0 V- 50 Hz single phase (other voltage on request)
- Internal printer
- Supply: 230 V- 50 Hz single phase (other voltage on request)

**EQUIPMENT**

- Load cell 3000 kg
- Software and connection cable RS-232 for PC

**ACCESSORIES AND SPARE PARTS**

GT2576	Kit knives L: 1250 and load cell up to 200 Kg
GT1532	Touch Screen
GT1546	Touch screen with support
GT1625	Deflection Kit
GT0256	Kit for AST C648
GT1467	Minidin
GT1168	N° 20 rolls of thermal paper for printer
GT1622	Kit knives L: 1250 for UNI EN 14617-2; 12372;1339
GT1705	Calibration report box by ACCREDIA for 3000 Kg
GT1706	Calibration report by ACCREDIA for load cell 3000 Kg
GT1933	Extractable supports rods with knives



## FLEXI 3000 – 1250 RAISED ACCESS FLOORS

## STANDARDS

EN 12825-5.2 - EN 12825-5.3 - EN 12825-5.4 - ISO 10545-4

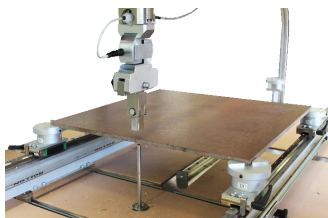
**DESCRIPTION**

Instrument for determining the max load and modulus of rupture M.O.R. and bending for standard tiles and raised floor tiles. The semiautomatic instrument consists of a steel base where there are oscillating supports (knives) adjustable in width on which the specimen is positioned.

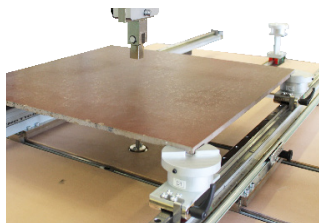
For the test on raised floor tiles, three kits are supplied to perform the tests according to EN 12825 part 5.2, 5.3, 5.4.

For the test according to ISO 10545-4, the upper knife (with electronically adjustable speed as required by the standards) descends until it touches the specimen and then applies a force that compresses it until it breaks. Change up to 2 cells with automatic recognition

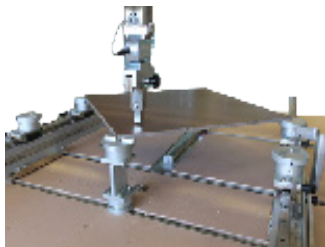
CODE .....	GT2226
MODEL .....	Flexi 3000 LX 1250 - EN12825
EXTERNAL DIMENSIONS .....	1930x2200x1300mm
MAXIMUM TILES DIMENSIONS .....	Rettangolare 1200x400mm Quadrata 800x800 mm
FMAX FORCE .....	3000 Kg
POWER .....	0.4kW
WEIGHT .....	700Kg



TEST IN THE CENTER OF THE WEAKEST SIDE OF THE PANEL



TEST IN THE CENTER OF THE PANEL



TEST IN DIAGONAL AT 70 MM AT THE EDGE OF THE PANEL

## TECHNICAL SPECIFICATION

- Standard test tile sizes: from 100 × 100 to 1250 × 1250 mm
- Tile formats for raised floors: rectangular formats 1200 × 400 mm, square formats 800 × 800 mm
- Change of up to 2 load cells with automatic recognition
- Max applicable load 3000 Kg
- Resolution on the display: 100 g
- Max applied load displayed in Kg or dN
- Electromechanical drive
- Programmable approach speed
- Applied load programmable to perform the test as required by the regulations
- Automatic calculation S and  $\delta$
- Plexiglass protection with safety micro
- Software for recording the test, time-force graph, archiving of the tests performed
- Power supply: 230 V – 50 – 60Hz single phase (other voltages on request)
- Flexi Mov: Positioning of supports with handwheel

## EQUIPMENTS

- 3000 kg load cell with knife
- Software and RS-232 / USB connection cable for PC
- test kit in the center of the weaker side of the panel
- test kit in the center of the raised panel
- test kit for diagonal tests 70 mm from the edge of the panel

## ACCESSORIES AND SPARE PARTS

<b>GT1532</b>	Touch screen
<b>GT1467</b>	Minidin Electronic Microprocessor
<b>GT1705</b>	Calibration report box by ACCREDIA for 3000 Kg
<b>GT1706</b>	Calibration report by ACCREDIA for load cell 3000 Kg