NANNETTI

BENDING TEST MACHINE

CC2006/S/1300

(for breakages up to 1000 kg)

DESCRIPTION

Tabletop tool, in powder coated steel, with precision electronics for the determination of the breaking load (max load) on ceramic or similar specimens.

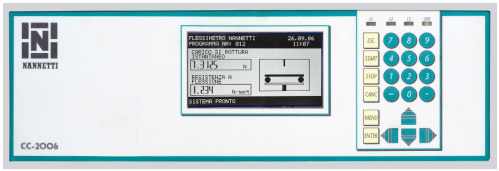
Semi-automatic type is equipped with a stainless steel top on which are placed two oscillating supports (knives), mechanically moved and adjustable manually and individually, which in turn welcome the specimen to be tested.
The adjustment is made by means of millimeter reference indexes.
The knife placed in the upper part goes down by pressing on the sample until it is broken.
This descent takes place in automatic mode, as required by regulations and the loading speed is electronically controlled.

With this instrument it is possible to determine the bending strength, the fracture module, and the bending arrow of the sample by operating according to the Norms:
UNI EN ISO 10545-4 | ASTM C 648 - 84 | DIN 51030 | EN 100 | EN12825

TECHNICAL FEATURES

- load cell for breaking tests up to 1000 kg (with accuracy of 100 gr. up to full scale)
- electromechanical drive
- Double speed programmable upper knife (approach and work)
- programmable applied load
- storage (10 slots) of the basic parameters of the samples to be tested[1]
- programming functions and test results managed and displayed on LCD screen
- input port for programming also by means of an external keyboard (not included)
- USB port for exporting test data
- protection carter, both front and rear, are equipped with micro safety that stop the cycle of the machine in case of opening of the same.

ELECTRONIC CONTROL UNIT



The management of the test is entrusted to an ectronic control unit, wich will give the final result, as a module of rupture, expressed both in Newton/mm² and in Kg/cm² and as breaking load expressed both in Newton and in Kg.

There is also a manual function in which you can set the thickness of the tile and the weight to be subjected. The machine will adjust and maintain the applied pressure on the tile surface.

1 *so, by making routine control tests, it is enough to make the recall from the memory of the format to be tested, without having to reset the data needed for the calculation.*

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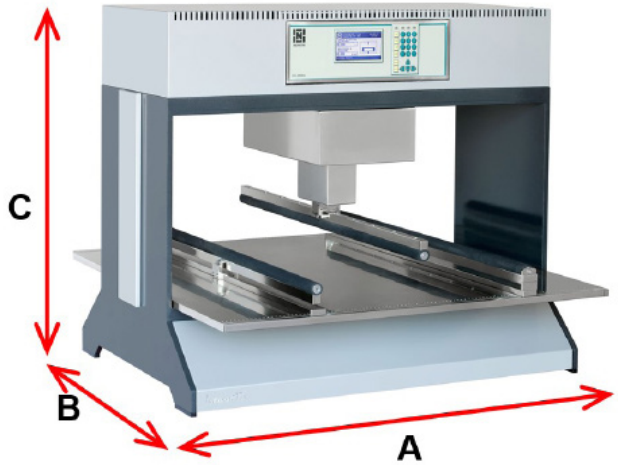

	STRENGTH MAX.	SAMPLES MAXIMUM SIZE	EXTERNAL DIMENSIONS	WEIGHT	POWER	VOLT	HERTZ
	[kG]	[mm]	A x B x C [mm]	[kG]	[kW]	[V]	[Hz]
MODEL CC2006/S/1300	1000	1300 x 1300	1510 x 1420 x 980	538	0,8	230	50/60

(All data are non-binding. The manufacturer reserves the right to modify them)