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## **FLEXIMETER MOD. CC 2006**

Electronic precision instrument for the determination of the breaking load of ceramics floor tiles according to European Standards **UNI EN ISO 10545-4 - ASTM C 648 - 84 - DIN 51030 - EN 520**. The tests are controlled from an electronic control panel of the new generation which will give the final results both in Newton/mm<sup>2</sup> and kg/cm<sup>2</sup>. Moreover it is possible to record up to 10 standard sizes, so when making routine control tests you only have to recall the size on which the test has to be made without having to insert all data again.

All functions and results of the tests are visualized on a small LCD screen.

Moreover, the machine is equipped with:

- a connection for an external key-board to program the machine;
- a connection for a PC to program the machine.

It is produced in 4 models

### **FLEXIMETER MODEL CC 2006-S-600**

With this equipment it is possible to carry out tests with fired or unfired dried with a maximum size of 600 x 600 mm.

### **FLEXIMETER MODEL CC 2006-S-800**

With this equipment it is possible to carry out tests with fired or unfired dried with a maximum size of 800 x 800 mm.

### **FLEXIMETER MODEL CC 2006-S-1000**

With this equipment it is possible to carry out tests with fired or unfired dried with a maximum size of 1000 x 1000 mm.

### **FLEXIMETER MODEL CC 2006 S 1300**

With this equipment it is possible to carry out tests with fired or unfired dried with a maximum size of 1360 x 1360 mm.

Optional:

Unique in its kind, software package which permits the equipment to also determine the degree of elasticity of the tile. This is a very important datum as it enables you to optimize the formulation of the raw material masses for the production of the tiles. It has been demonstrated that a tile with a low mechanical resistance does not always break easier than one with a higher mechanical resistance; this also depends on its degree of elasticity.

Optional:

Device double-cell to make tests on green, dried and fired tiles. In this case the machine works with an accuracy of 10 gr, until the force exerted to break the tile is 100 kg, and after that until the end of the scale with an accuracy of 100 gr. All this is automatic.

Optional:

Roller conveyor



Optional:

Software for control by PC

Optional:

Set of tools permitting tests on samples with a max. size of 100 x 100 mm.

Optional:

Set for ASTM C648-84 test

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TECHNICAL SPECIFICATION									
Mod.	A	B	C	Power	V.	Hz	Scale	Accuracy	Weight
	mm.			kw			kg.	gr.	kg.
CC 2006/S/600	665	650	720	0,1	230	50/60	0/700	100	145
CC 2006/S/800	865	850	720	0,1	230	50/60	0/700	100	180
CC 2006/S/1000	1065	1050	720	0,1	230	50/60	0/1000	100	280
CC 2006/S/1300	1510	1420	980	0,8	230	50/60	0/2500	100	538

