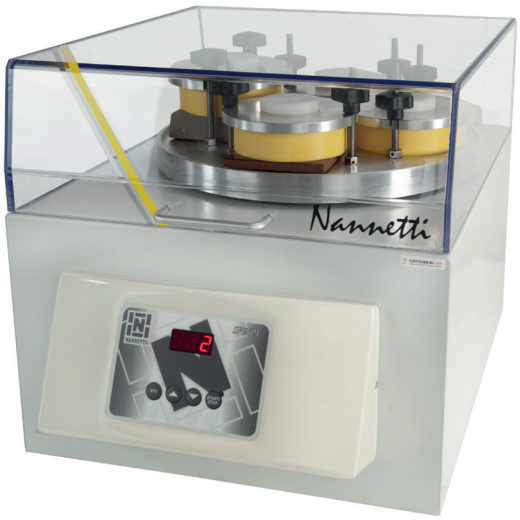
LABORATORY ABRASIMETER

PEI series



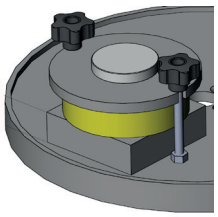
PEI - 4

DESCRIPTION

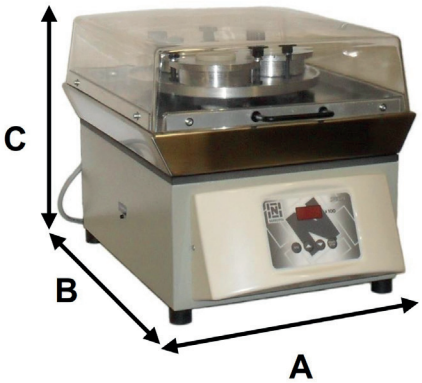
It is a laboratory instrument suitable for carrying out tests according to the P.E.I method, UNI EN ISO 10545-7 and M.C.C. on 4 samples at the same time.
The standard provides for the execution of the test by subjecting the glazed ceramic material to wear obtained through an abrasive charge consisting of corundum, steel balls of various diameters and distilled water.
The sample is blocked by a rubber surface wedged in a special support, containing the aforementioned abrasive charge.
These supports (in variable quantities depending on the model of the instrument) are placed on a plate in an offset position with respect to the central rotor.
This type of tangential rotation allows the charges to carry out the abrasion on the sample.

GENERAL FEATURES

- structure in painted steel with epoxy paints
- lexan lid with hinged safety switch
- on board electronic control unit
- rotation speed of the rotor group, set and calibrated at 300 rpm/1‘

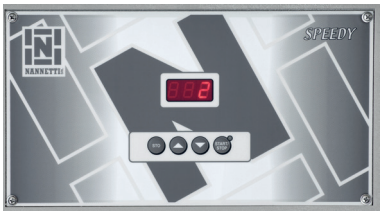


Hmax sample = 30 mm



ELECTRONIC CONTROL UNIT

- programming with electronic control of the number of revolutions to be performed on the samples
- start/stop of the test



TECHNICAL CHARACTERISTICS							
Mod.	A	B	C	Engine	V + N	Hz	Weight
	mm	mm	mm	kW			[kg]
PEI-4	420	650	430	0,15	230	50	45

(all data are not binding, the manufacturer reserves the right to modify them)

SUPPLIED WITH: ISO abrasive charge set, complete with spheres and corundum

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