MAIN LABORATORY SASSUOLO

Testing, Experimentation and Quality Control Laboratory

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Vacuometer 600/MN MLS

Data Sheet



INSTRUMENT DESCRIPTION

Automatic laboratory instrument for determining the water absorption of ceramic tiles (or other materials) according to the method of water impregnation by vacuum immersion.
It is equipped with a programmer that can hold several cycles; up to three different cycles can be selected via the selector switch as required. Water supply into the tank is by suction automatically controlled from another container. Drainage is by gravity, by manually operating the tap at the rear of the instrument, or with the aid of an electric pump.
Manual opening of the cover, facilitated by the presence of gas shock absorbers that allow it to be lifted effortlessly; safety hook for securing when fully open and request for manual intervention when closing (in order to have both hands engaged).

APPLICABLE STANDARD

UNI EN ISO 10545-3, SASO ISO 10545-3, GSO ISO 10545-3, UNI EN ISO 10545-12 (PRELIMINARY IMBIBITION), SASO ISO 10545-12 (PRELIMINARY IMBIBITION), GSO ISO 10545-12 (PRELIMINARY IMBIBITION), ASTM C373, UNI EN 14617-1, UNI EN 13748-1 Par. 5.8, UNI EN 13748-2 Par. 5.8

TECHNICAL FEATURES

- Vacuum pump equipped with filter / trap for possible nebulized oil; quick pump removal for maintenance, replacement, oil level recovery
- Double water level probe (one of safety) for water level control
- Seal of easy replacement and availability on the market
- Respect of the cycles set according to Standard (two set by the manufacturer and one chosen by the customer)
- Respect of the timing of recovery of pressure after vacuum
- Arrangement for calibration execution
- Tank completely built in INOX
- INOX tile basket
- PLC control/setting/display of test parameters

TECHNICAL SPECIFICATIONS

Supply voltage	230-240 V (110/120 V through transformer-converter)
Power frequency	50/60 Hz
Nominal power	0,05 kW
Sound pressure level (A-weighted)	< 70 dB(A) nei luoghi di lavoro
Dimensions	124 x 72,5 x 110 cm (l x L x H)
Weight	250 kg