

Testing, Experimentation and Quality Control Laboratory

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Machine Mazaud MLS

Data Sheet



INSTRUMENT DESCRIPTION

Laboratory instrument capable of performing the wear test according to the Mazaud Method (Cahier CSTB 3778_V6 Juillet 2024)

Instrument equipped with a rotating plate with 4 T-slots that allow the centering of the sample and its fixing by means of special locking devices. Pneumatic system for lifting the load weights which is deactivated when the wheel is placed on the sample.

In the case of setting the machine for its use according to the Mazaud Wear Method, simple wheel support system mounted on a device equipped with bearings and compliance with the parameters of rotation, loading, suction, blowing provided by the method.

APPLICABLE STANDARD

Annexe 10 Cahier CSTB 3778_V6 Juillet 2024

TECHNICAL FEATURES

- Rotating table with 4 T-slots
- Vertical axis to support wheel load weights
- Pneumatic system for lifting load weights
- Control of the rotation speed of the support plate
- Revolution counter which allows the instrument to stop automatically when the set number of laps is reached
- Control of the rotation speed and of the support plate by means of a special inverter
- Preparation of the aspiration device (excluding vacuum cleaner)
- Preparation of the blowing system (excluding vacuum cleaner)
- Electrical panel
- Control/setting/display PLC of test parameters
- Vacuum cleaner (optional)

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TECHNICAL SPECIFICATIONS

Supply voltage	230 V
Power frequency	50Hz
Nominal power	1,1 kW
Relative humidity without condensation	20÷80%
Phases	1
Noise	measured in the free field ≤ 70 dB
Dimensions	132 x 85 x 163 cm (L x L x H)
Weight	470 kg