



PATENTED N°0000283275
 CODE GT2085
 TENSION 400 V-50 Hz three phase
 OVERALL DIMENSIONS ... 1200x1100x1900 mm
 POWER 1,5 kW
 COMPRESSED AIR 7 Bar
 WEIGHT 650 Kg

ROULAGE MAZAUD - TOUCH

STANDARDS

CSTB Cahier 3778_V2...10...2018 , Annex 10

DESCRIPTION

The instrument is compose by:

- Support plate of sample perpendicular to the load support axis that rotates in a orizontal plane to a 93 ± 2 RPM speed throught a electrical engine
 - Vertical axis perpendicular to the support plate where it's fixed the wheel. The wheel supported a load applied of $590 \text{ N} + 10 \text{ N}$
 - A wheel holder group that allows the wheel to rotate and oscillate freely with integrated air copressed cooling system PATENTED N°0000283275
 - Fast replacement of the tile test with automatic lifting of the weight
 - A manual regulation of the suction flow with complete system for air speed measuring made of pitot tube and micromanometer
 - Suction system with absolute filter
 - Compressed air circuit for cooling of the wheel abrasion with adjustable pressure and flow
 - Shafesity sensor wheel
 - A counter permit to stop, after 22320 revolutions (about 4 hours or 14.000 mt)
 - The controls are accessed by means of a user-friendly touch screen panel
- A wheel of austentic steel, type: 18-10, x5 CrNi 18-10 or AISI 304 with following charateristics:
- Diameter: 50 mm (0 ; ± 1 mm)
 - Width: 25 mm (0 ; ± 1 mm)
 - Rugosity: $0,4 \leq Ra \leq 0,8$
 - Planarity: $N \pm 50$ micron

EQUIPMENTS

- Suction System
- Optical minipirometer to control temperature of the wheel
- Hot wire anemometer
- Cooling system of the wheel
- 5 wheels with 2 bearings

ACCESSORIES AND SPARE PARTS

GT2106	Kit of 10 wheels with 2 bearings
GT1723	Vacuum Cleaner complete with filters
GT2069	Kit Filters vacuum cleaner
GT2102	Hot wire anemometer