



BURST TESTER EM 50/80

Code. 020101/ 020102

For determination of the bursting strength resistance of paper and board

Standards : ISO 2758, ISO 2759, TAPPI T403, T807, T810, BS3137, FEFCO 4, SCAN P25/P24, etc.



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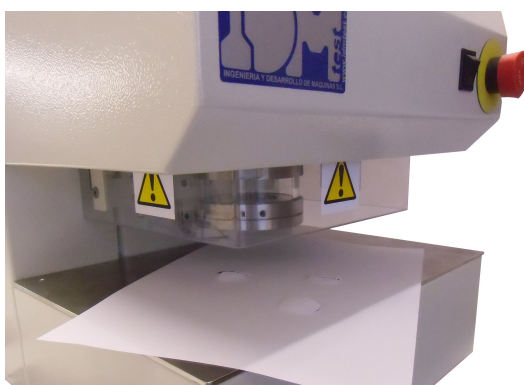
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CHARACTERISTICS :

- Easy adaptation to carry out burst tests on paper or board samples. By means of exchanging the clamps and membrane and the adequate configuration in the programme, the equipment allows to test on paper or board samples.
- High rigidity steel and aluminum frame.
- Driven by servo motor and high accuracy ball screw.
- Emergency push button.
- Protection security methacrylate cover. An incorrect positioning of the cover prevents the lowering of the superior clamp, to avoid any accident.
- Glycerine 200 cc extra deposit.
- Maximum sample thickness of 12 mm.
- Adjustable feet for the equipment levelling.
- Measuring range 0-5.000 kPa (EM-50) and 0-8.000 kPa (EM-80).
- Configurable pumping rate : 170 ± 5 ml/min for cardboard and 96 ± 6 ml/min for paper.
- Sample holding force adjustable by means of pneumatic regulator (maximum force of 7.000 N).
- RS-232 interface for connection to management and control programs.
- USB connection for maintenance works and for connection with USB printer.
- Readings with a resolution of 0.004 % of the FS.
- Accuracy. <1% of the applied force in a range between 2% and 100% of the FS.
- CE mark.



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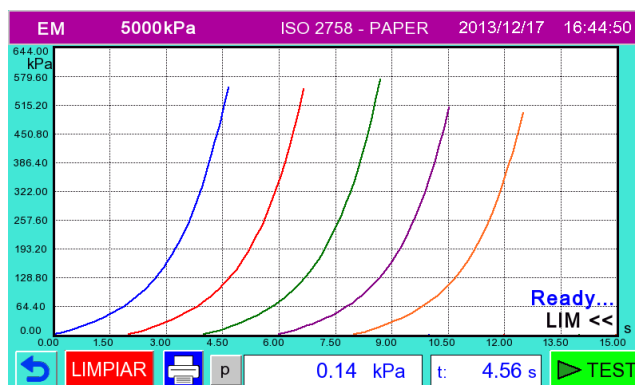
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USER INTERFACE :

- Machine controlled by means of a touch screen and two auxiliary buttons.
- Through the visualization and control screen, the total control and configuration of the machine can be managed.
- Easy and intuitive operation of the control menu, configurable in different languages.
- Possibility of selecting and defining multiple test results. Two result tables with a maximum of 10 result types and 20 test results per table.
- Possibility of display the test results in graphic way.
- Statistical control. Mean value, standard deviation and maximum and minimum values.
- Different configurable units.
- Automatic test cycle with breaking detection and return to initial position.
- Setting of different breaking levels.
- Periodical programme updatings (without additional costs).



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**TEST DESCRIPTION :**

After placing the sample in its test position, press *Test* button. The methacrylate protection cover and superior clamp will go down, closing the sample support. The hydraulic pressure device will automatically act on the sample. When the sample breaks, the hydraulic cylinder will automatically stop and inverse the sense of the running, until it arrives to its initial test position. Then, the protection cover and the sample support will be automatically opened, leaving the equipment ready for a next test. The maximum pressure reached in the breaking moment will be shown I the screen (also in graphic way).

SOFTWARE CONTROL (Optional) :

The machine, through its RS-232 connection, allows the total control and management of the test, by means of the PTA NOVILOG Software. It will be possible to preset tests, save test results graphical curves, carry out test reports, etc.

CONNECTIONS :

Electric : 220/110V, 50/60Hz

Air supply : 6 Bar

WEIGHT AND DIMENSIONS (ONLY EQUIPMENT) :

360 x 600 x 530 mm (AxFxA) / 70 Kg

WEIGHT AND DIMENSIONS WITH PACKING BOX :

840 x 600 x 790 mm (AxFxA) / 120 Kg

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