

Auto MICROMETER

For fast and accurate determination of PAPER and CARDBOARD thickness

Applicable standards: DIN / UNE EN 20534 - BS 3983 - ISO 534 - PAPTAC D4 - SCAN P7 - TAPPI T 411* Optional ...



NEW

With
Automatic
Sample Detector

Code. 6676 MICROMETER f/measuring Thickness of Paper/Cardboard according (ISO-DIN-SCAN...)
Code. 6915 MICROMETER f/measuring Thickness of Paper/Cardboard according (TAPPI T411)

- q AUTOMATIC operation KIT (detector of sample)
- q Reset at 0 of the AUTOMATIC display
- q Reading resolution: 0.001 mm (1 micron)
- q LVDT with more tightness against pollution, external influences (resistant in industrial environment)
- q Dimensioned Display (8 mm height digits)
- q ERGONOMIC, inclined display for a better vision.
- q Electric operation
- q 2 Modes of operation (standard and cyclic serial mode)
- q LYNX (Quality Integral Management System) compatible



DESCRIPTION

Desk Instrument easy to use, automatic, with digital reading, suitable to measure with high accuracy the thickness of PAPER, according to the International Standards ISO – DIN – UNE – TAPPI ...

Automatic measurement when the sample is in the measurement area (sample DETECTOR) :

Operation is very simple and quick. Place the sample in the measurement area and the equipment automatically carries out a complete cycle, showing the thickness value in the digital display, with a 1 micron reading resolution.

The electrical drive and the lifting movement rate of the mobile plate can be prefixed:

- q CONTINUOUS movement: This position is used when quick and continuous measurements are needed. The plate comes up and down stopping for a few seconds, enough to carry out the reading of the sample's thickness and repeats the same cycle again.
- q INTERMITTENT movement: In this setting, the mobile plate stops after each measurement cycle, so the sample that is going to be measured must be placed in the measurement area each time the thickness needs to be measured

SPECIFICATIONS :

- q Digital reading display, with reset button
- q Measurement capacity : 0 to 10 mm
- q Reading resolution : 0,001 mm (1 micron)
- q Lowering speed: 2 +/- 0,1 mm/s or 0,8 mm/s (TAPPI)
- q Test surface : 2 cm²
- q Pressure on the sample: 100 +/- 10 kPa (1Kg/ cm²) or 0,5 kg/cm² (TAPPI)

Including Interface RS232, for connecting to a PC to operate with LYNX* Quality Integral Management System.

NOTE: *Under request, it is possible to supply other plate surfaces, lowering speeds, as well as clamping pressures.*

For example: TAPPI T411 is performed with a pressure of 500 g/cm², a test plate of 2cm 2 and a lowering speed of 0,8 mm/sec.

OPTION:**LYNX Software Systems**

Through a PC and LYNX Single Software + Thickness Test Module, it is possible to capture quickly and reliable the results of the tests. Later it is possible to make statistical calculations

**CONNECTIONS:**

Electrical: 230 V, 50 /- 60 Hz

DIMENSIONS AND WEIGHT:

Dimensions: 200 x 280 x 360 mm (W x D x H)

Box for transport: 400 x 450 x 500 mm (W x D x H)

Weight Net/Gross: 16 Kg / 26 Kg

DELIVERY CONTENT:

> 1 Automatic Micrometer for paper Code.6676
or Code 6915 (TAPPI)