

## Auto MICROMETER

For fast and accurate determination of **TISSUE PAPER** thickness

Resolution: 0,001 mm

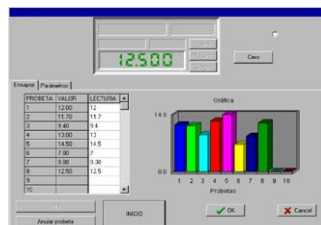
Applicable standards: EN 12625-3 - SCAN P47 - DIN 54540 ...

**NEW**

With  
Automatic  
Samples  
Detector



- AUTOMATIC** operation KIT (detector of sample)
- Reset at 0** of the **AUTOMATIC** display
- Reading resolution: 0.001 mm** (1 micron)
- LVDT** with more tightness against pollution, external agents (resistant in industrial environment)
- Dimensioned Display** (8 mm height digits)
- ERGONOMIC**, leaning display for a better vision.
- Electric** operation
- 2 Modes** of operation (standard and cycle series mode)
- Compatible** with the Integral Test Management System **LYNX** Plus & Pro



## DESCRIPTION

Instrument to be placed in a table and easy to use, automatic, with digital reading, suitable to measure with high accuracy the thickness of **TISSUE PAPER**, according to International Standards ISO – DIN – EN – DIN – TAPPI ...

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

Operation is very simple and quick. The worker only has to place the sample in the measurement area and the equipment carries out automatically a complete cycle, showing the thickness value in the digital module, with a 1 micron reading resolution.

The driving is electrical and the lifting movement rate of the mobile finder can be prefixed:

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

## SPECIFICATIONS :

- ❑ Digital reading display, with reset button
- ❑ Measurement capacity : 0 to 10 mm
- ❑ Reading resolution : 0,001 mm (1 micron)
- ❑ Lowering speed: 2 +/- 0,1 mm / second
- ❑ Test surface : 10 cm<sup>2</sup>
- ❑ Pressure on the sample: 2 kPa ( 20 g / cm<sup>2</sup>)

Including Interface **RS232**, to interconnect with PC to operate with LYNX\* Quality Integral Management System.

**NOTE:** Under order, it is possible to supply other test head surfaces, test head lowering speed, as well as pressures on the sample.

\* We can supply the Micrometer to measure thickness of other materials, such as PAPER - PLASTIC FILM - TEXTILES - PLASTIC SHEETS, built with features according to the corresponding international standards.

### 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 M6/T Micrometer for TISSUE Paper

