

## Digital MICROMETER M5-P3 model (0,001 mm) (Manual operation)

For fast and accurate determination of PAPER and CARDBOARD thickness

According to Standards: BS DIN EN ISO UNE 534 - PAPTAC D4 - SCAN P7 - TAPPI T 411\* (Optional)

Designed with constant down rate,  
according to the international  
standards



**MICROMETER M5-P3 model (ISO)** f/measuring Thickness of Paper/Cardboard according (ISO-DIN-SCAN...)  
**MICROMETER M5T-P3 model (TAPPI)** f/measuring Thickness of Paper/Cardboard according (TAPPI T411)

- Range: 0 - 10 mm
- Reading resolution: 0,001 mm (1 micron)
- Lowering speed:  $2 \pm 0,1$  mm / s
- Contact area: 2 cm<sup>2</sup>
- Contact pressure: 100 +/- 10 kPa (1 kg/cm<sup>2</sup>) or 0,5 kg/cm<sup>2</sup> (TAPPI)
- Digital display with reset to "0" function
- Manual drive by ergonomic handle

\* With (optional) RS-232 communications port is Compatible with LYNX Test Integral Management System)



## DESCRIPTION

Desk instrument, easy to use, with digital reading, appropriate for measuring with great precision thickness on **PAPER**

It is easy and quick to use. Place the sample in the measuring area, drive manually the lever, that lifts the mobile plate and free the lever. The lowering of the upper plate is made at a constant speed, according to the specifications of the international Standards. Provides a great repeatability in the obtained measurements.

## TECHNICAL FEATURES

- Range: 0 a 10 mm
- Reading resolution: 0,001 mm (1 micron)
- Lowering speed:  $2 \pm 0,1$  mm/s or 0,8 mm/s (TAPPI)
- Test area: 2 cm<sup>2</sup>
- Contact pressure: 100 +/- 10 kPa (1 kg/cm<sup>2</sup>) or 0,5 kg/cm<sup>2</sup> (TAPPI)
- Digital display with reset to "0" function
- Manual drive by ergonomic handle
- Robust and precise instrument

**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 cm<sup>2</sup>, a test plate of 2cm 2 and a lowering speed of 0,8 mm/s

## 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



### WEIGHT AND DIMENSIONES

Dimensions: 145 x 250 x 300 mm (W x D x H)  
 Box for Transport 300 x 400 x 500 mm (W x D x H)  
 Weight Net/Gross: 10 Kg / 22 Kg

### DELIVERY CONTENT

> Manual Micrometer (f/ Paper) M5-P3 or M5T-P3 (TAPPI) model



\* TECHLAB SYSTEMS reserves the right to do any technical modification without advance notice

Doc. : M5P3-1-CAT-I-R4