



## MICROMETER Pneumatic & Manual

Code. N1101 and N1101P

To measure the thickness of paper.

Applicable Standards: ISO 534, ISO 12625-3, TAPPI T411



### MODELS:

N 1101 - Manual model: 2 cm<sup>2</sup> measuring pin

N 1101P - Pneumatic model: 2 cm<sup>2</sup> measuring pin

### CONNECTIONS:

Electricity: battery

Compressed air: approx. 400 kPa (only on the pneumatic model)

### WEIGHT AND DIMENSIONS (ONLY EQUIPMENT):

200 x 250 x 300 mm (WxDxH) / 12 Kg

### WEIGHT AND DIMENSIONS WITH PACKING BOX:

400 x 400 x 400 mm (WxDxH) / 16 Kg

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# PAPER Testing Equipment



## PAPER TESTING ASSOCIATION

### DEVICE DESCRIPTION:

The robust micrometer is available in either pneumatic or manual configuration. Depending on the model, the device is operated via a hand lever or a pneumatic foot pedal. The descending speed acc. to standard is set with a throttle. A battery powered digital measurement gauge is mounted on the device for displaying the measurement results.

### TEST DESCRIPTION:

Depending on configuration, the measuring pin is lifted via the pneumatic foot pedal or manually with the lever mounted on the side, and the sample is placed in the measurement area. Then the pedal or lever is released, and the measuring pin lowers at a speed limited by the throttle onto the sample. The digital measurement gauge displays the result of the measurement.

### SPECIFICATIONS:

- Bound the lowering speed via a throttle
- Battery operated digital measurement gauge
- Resolution: 1  $\mu\text{m}$ , reproducibility:  $\pm 2 \mu\text{m}$
- Measuring range 0 to 12 mm
- Accuracy of measurement: 0.001 mm
- Measuring surface: 2  $\text{cm}^2$
- Measuring pressure: 100 kPa

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