

## AUTOMATIC MICROMETER

*model ME-21*



The ME-21 measures the exact thickness of paper, tissue paper, board and corrugated board, for the quality control and R&D.

This equipment is absolutely user friendly.

ME-21 is operated through its touch screen display. It has an exclusive interactive and intuitive software, that perform tests, complete statistical calculation and records tests reports.

It offers built-in thermal printer and a USB port for the connection to a computer.

Selectable units - mm /  $\mu$ m / in / mil.

### MAJOR TECHNICAL CHARACTERISTICS

Range of measurement		(0 - 10,000) mm		
Resolution		0,001 mm		
<u>Version for testing</u>	<u>Paper and board</u>	<u>Paper, board and corrugated board</u>	<u>Tissue</u>	<u>Corrugated board</u>
Pressure (kPa)	(100 $\pm$ 10)	(50 $\pm$ 2)	(2,00 $\pm$ 0,04)	(20,0 $\pm$ 0,5)
Contact area (cm <sup>2</sup> )	(2,00 $\pm$ 0,05)	(2,00 $\pm$ 0,05)	(10,0 $\pm$ 0,2)	(10,0 $\pm$ 0,2)
Lowering speed (mm/s)	< 3	0,8	2	2
Measuring time (s)	(2 - 5)	(3 $\pm$ 1)	0	3
Applicable standards	ISO 534 NM-ISO 534	TAPPI T-411 · ASTM D645	ISO 12625/3	ISO 3034

The ME-21 also features light polystyrene closure, precision gauge, motor driven measuring head, hardened and lapped stainless steel test surfaces, built-in electronics and exclusive testing software.

Power supply	110 - 220 VCA, 50/60 Hz, single phase, 200 W
Dimensions	(230 x 395 x 495) mm (W x L x H)
Weight	19 kg

Note: due to constant development our equipment design and specifications are subject to change without notice.

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