

MICROMETER
model ME-1000



The ME-1000 measures the exact thickness for the quality control and R&D of paper, tissue, board and corrugated board.

This equipment is absolutely user friendly and its operation can be easily done through its built-in testing software, alphanumeric backlighted display and membrane keyboard.

Motorized automatic cycling with programable interval time between each test.

Selectable units - mm, μ m or mil (0.001 in).

It offers complete statistics, a paralel port for the connection of a local printer and a RS-232 port for the connection to a computer.

MAJOR TECHNICAL CHARACTERISTICS

Range of measurement	(0 - 10000) 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 ²)	(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-1000 also features cast-aluminium body, optical linear gauge, motor driven measuring head, hardned and lapped stainless stell test surfaces, built-in electronics and exclusive testing software.

Power supply	220 VCA, 50/60 Hz, single phase, 200 W
Dimensions	(375 x 325 x 380) mm (W x L x H)
Weight	18 kg

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

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