



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 backlit display and membrane keyboard.

Motorized automatic cycling with programable interval time between each test.

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

It offers complete statistics, a parallel 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, hardened and lapped stainless steel 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 |