

RE.TEK. s.a.s.



FRIABILITY TESTER

RE.TEK.'s new Friability Tester has been redesigned using today's most advanced electronic technologies (2005), while its original mechanics have remained unchanged. This upgrade has made the equipment even more versatile and now four standards are possible at the same time and not two as in the previous version. In addition, equipment operation is even more reliable and does not require any calibration checks.

The alternating movement of the capsule is generated by a piston connected to a connecting rod-crank system. This system is driven by a step motor, controlled by a specific electronic circuit, which ensures constant motion and absolute repeatability of the set cycles.

A magnetic sensor, activated by the crank counterweight, and thus independent from the motor control, displays the number of cycles completed, making it easier to check efficiency.

All functions of the Friability Tester are managed by a microprocessor, supplied with an auto-diagnostic program, which isolates itself while shaking cycles are being carried out.

TECHNICAL CHARACTERISTICS

Measurement range	500 to 7000 shaking cycles
Stability and repeatability	± 0.06 %
Operating temperature	10-40 °C
Power supply	230 V / 50 Hz (optional 115 V / 60 Hz)
Power absorption	37 VA stand-by 90 VA during the cycle
Weight	31 Kg (approximate)
Dimensions	405 x 255 x h 195 mm (approximate)