



No.2090

ISO friction coefficient tester

The friction coefficient of paper is one of important indices that express the paper surface condition, related to touch and ease of work of paper. This tester is based on the measurement method of friction coefficient newly specified by ISO. The friction of paper sheets applied to the moving table and weight is measured three times, to determine both static and dynamic friction coefficients. An initial torque is applied very slowly so that it takes 0.5 to 5 seconds to reach the peak of static friction. Unlike the conventional rapid measurement of static friction, this method measures friction between fibers in paper surfaces.

Specimen size: 200 x 70mm

Driving distance: 70mm,

Weight: 800 + 5g, size 60 X 60mm

Weight movement: automatic vertical movement

Driving speed: 20mm/sec. (optional 5 to 100mm/sec.)

Referential standard: JIS P-8147, ISO15359-1999

Power source: 100/110VAC 50/60 Hz 2A

Compressed air: 0.5MPa

Outer dimensions: 450 x 380 x 330mm

Instrument weight: 20kg



荷動検定