

## RANKCON - Smoothness Tester Paper

Brand: Rankcon Instruments

Model: ST-01

### Detailed Product Description:

- Power: Electronic
- Usage: Paper Testing Instrument

The smoothness tester is used for the determination of smoothness of paper and board according to Bekk Method.

It conforms to ISO527, DIN 53107, TAPPI T-479, GB/T 456 standards.



### Principle:

Bekk smoothness: time in seconds which under a defined pressure differential is required to draw a definite quantity of air at atmospheric pressure between the surface of the test piece and a ring-shaped plane surface under specified conditions of contact.

Measuring range	: $\leq 15s, (15 \sim 300)s, \geq 300s$ , three range switch
Vacuum range	: 1st gear 50.66kPa -> 29.33kPa 2nd gear 50.66kPa -> 48kPa 3rd gear: 50.66kPa -> 48kPa;
Test area	: $(10 \pm 0.05)cm^2$
Test range	: (0~9999)S
Test pressure	: $(100 \pm 2)kPa$ (Automatic pressure)
Display	: 3.2 In LCD display,
Dimension	: 300×375×400mm
Power Supply	: AC220V 50HZ