

## Bursting strength Machine



### Product Usage

Applicable to packaging materials, mainly used for the determination of various paperboard and single-layer and multi-layer corrugated board, but also for the test of the burst strength of non-paper materials such as silk and cotton. As long as the material is placed, it is automatically detected, automatic test, automatic oil pressure return and automatic calculation, storage test data, printing, digital display of the instrument and automatic printing of test results and data processing.

### Implementation standards

ISO2759-2001, ASTM-D2210, JIS-L1004, L1018, L1031, K6328, P8131, P8112 and TAPPI T403,

### Technical Parameters

1. Air compressor: rated pressure (0.6 ~ 0.7) MPa; exhaust volume (0.02 ~ 0.3) m<sup>3</sup> / min

(non-standard);

2. Film: the height of the protrusion ( $10 \pm 0.2$ ) mm when the pressure range is (170 ~ 220) kPa;
3. The pressure range is from 250 kPa to 350 kPa when the height is raised ( $18 \pm 0.2$ ) mm;
4. System sealing: pressure drop <10% FS within 1min;
5. Man-machine interface: 3.4 in 320 \* 240 dot matrix liquid crystal display, real-time display data changes
6. The upper pressure plate: made of acrylic, you can clearly see the state of the film bulging.
7. Printout: modular integrated thermal printer;
8. Working environment: indoor temperature ( $20 \pm 10$ ) ° C; relative humidity <85%

Indication error	$\pm 0.5\%$ ;
Indication variability	$\leq 0.5\%$ ;
Resolution	0.01 kPa;
Measuring range	$\leq 5600$ kPa;
The amount of oil delivered:	$170 \pm 15$ ml / min;
Clamping force	$\leq 1200$ kPa (adjustable);
Unit conversion	Kg / cm <sup>2</sup> , kpa, lbf / in <sup>2</sup>
Dimensions(L*W*H)	(428 × 318 × 412) mm
Weight	about 50kg
Power source	AC220V $\pm 10\%$ 2A 50Hz;