

# ZB-L tensile testing machine (including finch cup)

ZB-L tensile testing machine is a basic instrument for testing the tensile strength of paper and paperboard. It is mainly used for testing the tensile strength, elongation and energy absorption value of paper and paperboard. It can also be used for testing the tensile strength of other low-tensile strength and low-elongation flakiness materials. With finch cup can determine the wet tensile strength of toilet paper and its products.

## ◆ Main features

1. the use of servo motor and high precision ball screw drive, low noise, accurate control
2. Touch LCD display with large color screen to display various data in real time
3. In the measurement range of 0-50N, the accuracy can reach 0.01n and the resolution is 0.001n
4. Directly obtain the measurement results, including mean value, break-resistance index, Standards deviation and coefficient of variation
5. high degree of automation: data processing and action control, automatic reset, overload protection
6. Data communication: the instrument is equipped with Standards serial RS232 interface, which can provide data communication for the upper computer integrated report system



## ◆ Main parameters

Parameter items	Technical index	
	Ordinary tensile	Wet tensile
Measurement range	0 ~ 30N	
Resolution	0.001N	
Indication accuracy	±1 %	
Sample holder size	width 50mm	
	Clamping spacing 20-200mm (adjustable)	The wet-tensile spacing is 43.5±1 mm
Test stroke	300mm	150mm
Testing speed	20 ±5 mm/min	50 ±2 mm/min
	1 ~ 400mm/min(adjustable)	
Instrument size	450*550*950mm	
Power	AC220V±10% 50Hz 2A	

## ◆ Standards

- ISO 1924-2 - determination of tensile strength of paper and board - part 2: constant speed drawing method
- GB/T 12914 paper and paperboard -- determination of tensile strength (constant speed drawing method)
- GB/T 24328. 3 toilet paper and its products - part 3: determination of tensile strength, elongation at break and absorption of tensile energy
- GB/T 24328. 4 toilet paper and its products - part 4: determination of wet tensile strength



**دقیق پرتو**

**DAGHIGH PARTO**

Laboratory Test Equipment

شرکت دقیق پرتو

تامین کننده تجهیزات آزمایشگاهی و کنترل کیفی

۰۲۱-۶۶۹۳۷۲۱۴