

# Automatic smoothness tester

## LTBK-10A

### 1. Product Overview

LTBK-10A automatic smoothness tester is a special instrument for measuring the smoothness of paper. It is designed according to the working principle of the internationally used Bekk smoother.

The mechanical design of the instrument eliminates the manual pressure-applying structure of the traditional lever weighting hammer, innovatively uses a cam plus a spring, and uses a synchronous motor to automatically rotate to load the standard pressure. Greatly reduce the size and weight of the instrument. The instrument uses a 7.0-inch large-screen color touch LCD display, with Chinese and English menus. The interface is beautiful and friendly, and the operation is simple and easy. The instrument has newly added the "automatic transmission" test, which can greatly save time when testing with high smoothness. The instrument also has the functions of testing and calculating the difference between two sides.

The instrument uses a series of advanced components such as high-precision sensors and imported oil-free vacuum pumps. The instrument has the functions of parameter testing, conversion, adjustment, display, memory, and printing included in the standard. The instrument has powerful data processing capabilities and can directly obtain the statistical results of various data. These data are stored in the main chip and can be viewed through touch screen operation.

### 2. Standards:

ISO 5627 GB/T 456



### 3. Technical Parameters

Items	Parameters	
Power	AC220V±10% 50HZ	
Test range	(1~99999) s	
Timing accuracy	1000s, ±1s	
Pressure(kPa)	100±2	
acuum container system volume(ml)	Big one	380±1
	Small one	38±1
Vacuum setting range(kPa)	I	50.66~48.00
	II	50.66~48.00
	III	50.66~29.33
	automatic	
Drained air volume(ml) (50.66kPa-48.00kPa)	Big one	10.00±0.20
	Small one	1.00±0.05
Size	325*290*430mm	
Net weight	30kg	

### 3. Advantages

1. Using cam and spring structure design, the single-chip microcomputer automatically controls the rotation motor to load pressure and clamp paper during measurement

2. Use 7.0-inch large-screen color touch LCD display, Chinese and English menus, real-time display of various data.

3. Two-sided difference test: By selecting the two-sided difference test mode, you can test and calculate the two-sided difference of the same batch of samples.

4. Fast measurement: "Automatic gearbox" or small volume cavity measurement can be selected. Under the "Automatic gearbox" test, the measurement time will not exceed 200s, and the small volume measurement time is only one-tenth of the large volume, enabling fast measurement. .