

EY31 Wool Fineness Tester

1.1 Product Description

EY31 using Airflow method test the Wool Fineness Tester data, it has a wide measurement range, simple and quick measuring method, the test results directly displayed on the LCD screen, and can also be transferred to the computer via the Wifi, and print out the perfect test report.

1.2 Technical Specifications

Measuring range: 12 ~ 50um
Measuring accuracy: 0.1um (standard lab environment)
Test time: 15 seconds on average
Sample mass: 2.5 ± 0.004g
Power requirements: AC 100-240V, 50/60Hz
PC communication: WiFi connection
Dimensions: L32 x W20 x H32cm
Weight: 12kg
Warranty: 24 Months



1.3 Professional Technology

1. Precision flow sensor, a wide range of Wool Fineness measurements, reaching 12 to 50um, which is the widest range of instruments test Wool Fineness by airflow method.
2. Fast test, installed the sample, press test key, you can quickly get the result, the instrument with wifi interface, send the result to Pc to analysis of test results, print the standard test report and can also save the test report to EXCEL format.
3. Calibration is convenient, use standard Wool, through the calibration, not standard laboratory environment also can accurately test Wool Fineness value.

1.4 Testing standards

GB/T_11603, ISO1136, BS3183, ASTM D1282 GB/T_11603

1.5 Test Principle

Airflow method testing Wool Fineness, exert a certain pressure of air in the Wool sample, because of the fineness of the Wool, through the air flow is different, by measuring the air flow also associated with the Wool Fineness test.

1.6 Application

Wool purchase inspection, wool production and trade.

1.7 Configuration

Standard configuration: Mainbody

- Optional accessories: 1.LABTest analysis software
2.WOOLLAB standard wool

2. Test Report

The test results data can send to PC by USB cable and saved as Excel format, concise and practical, to make the perfect test report.

	A	B	C	D	E	F	G	H	I	J
1										
2										
3	Wool fineness Test Report									
4										
5	Test ORG	EYTEST Laboratory				Instrument	EY31			
6	Test time	2012-12-22				Operator	Edwin Zhang			
7	Temperature	20°C				Humidity	65%			
8	Client	Intertek Laboratory								
9	Sample	Wool from Intertek Laboratory								
10	Remark	USDA Standard Wool Specifications								
11										
12	Test Data									
13	NO.	Test time			Result(um)		Grades		Specifications	
14	1	11:19			23.6		60		Medium 1/2Blood	
15	2	11:22			23.8		60		Medium 1/2Blood	
16	3	11:26			23.7		60		Medium 1/2Blood	