



## YL-1AZ Portable Free Chlorine Meter



**Application:** YL-1AZ Portable Free Chlorine Meter is used to measure the free chlorine ( $Cl_2$ ) content in water samples. It is applicable to water in different water processing factories, swimming pool and other domestic or industrial places where water is used.

### Parameters

Measuring range	0~2.5mg/L
Resolution	0.01mg/L
Repeatability	1%
Linear error	±5%F.S.
Power supply	DC9V

## CM-04-26 Digital Silver Ion Tester



**Application:** CM-04-26 Digital Silver Ion Tester is used to determine the silver ion density in water and waste water for lab use and onsite detection.

### Parameters

Measuring range	0.001~1.00mg/L
Detection limit	0.01mg/L
Relative error	≤±5%
Repeatability	≤±3%
Power supply	Rechargeable battery

## LBS-100B Portable Sludge Concentration Meter



**Application:** LBS-100B Portable Sludge Concentration Meter is used to determine the suspended solids, sludge thickness and turbidity.

### Parameters

Measuring range	0~100mg/L 0~1000mg/L 0~10000mg/L 0~20000mg/L
Resolution	0.01mg/L
Repeatability	≤±1%
Power supply	Rechargeable battery

## TDS-3 Total Dissolved Solids Meter



**Application:** TDS-3 Total Dissolved Solids Meter is used to determine the total dissolved solids in water (mg/L). It is widely used for testing water quality.

### Parameters

Measuring range	0~9990ppm
Accuracy	±2%
Power supply	1.5V×2 dry cell

## FYI Series Laboratory Air Conditioning System



**Application:** FYI Series Laboratory Air Conditioning System is designed for the textile testing laboratories. It can provide an environment of constant temperature and humidity. Various models meet different requirements of different laboratories.

### Features:

#### Quality Control Component

It strictly complies with CE and IEC standards and is empowered with advanced electric control technology and able to work under a power source of 380V

#### Scroll Compressor

The core power of the unit is from Copeland closed scroll compressor that guarantees the high efficiency, low noise and long life of the unit.

#### Evaporator

An efficient evaporator made from quality material with advanced professional technology and featuring large heat exchange area and undisturbed flow.

#### Humidifier

An internationally advanced electrode steam humidification system under which the amount of humidification and water inflow and outflow are all controlled by computer, the auto cleaning program for the humidifier cylinder ensure normal humidification efficiency of the cylinder.

#### Condenser

With an enclosure of anti-corrosion alloy that ensures service life and appearance of the condenser, an external rotor axial flow fan that is elaborately designed and able to satisfy the environmental protection requirements on noise, and a fan speed regulator that controls the rotating speed under different temperature and ensures sound operating effect and energy saving.

## ZS Series Industrial Ultrasonic Humidifier



**Application:** ZS Series Industrial Ultrasonic Humidifier is suitable for fabric, paper making, and working room for computer or electronic production, plastic, printing, tobacco and all kinds of laboratories, planting. It can be widely used in breeding and other industries.

### Parameters

	Humidifying rate				
Control method	1.8kg/h	3kg/h	6kg/h	9kg/h	12kg/h
Switch control	ZS-06	ZS-10	ZS-20	ZS-30	ZS-40
Timer control	ZS-06S	ZS-10S	ZS-20S	ZS-30S	ZS-40S
Humidity control	ZS-06Z	ZS-10Z	ZS-20Z	ZS-30Z	ZS-40Z

## YG751D Constant Temperature and Humidity Chamber



**Application:** YG751D Constant Temperature and Humidity Chamber is used to provide an environment of constant temperature and humidity for various textile materials to condition them before testing.

**Related Standards:** ISO 139, etc.

### Parameters

Model No.	YG751D-125	YG751D-250
Volume of working chamber	125L	250L
Dimensions of working chamber	500×500×500mm	500×500×1000mm
Temperature range	20°C~80°C	
Humidity range	30~98%RH	
Temperature fluctuation	±0.5%	
Humidity fluctuation	-3%RH~+2%	
Testing time	1s~999min99s	
Power supply	AC220V 50Hz	





## JWS-5A Hygrothermograph



**Application:** JWS-5A Hygrothermograph is used to determine the temperature and humidity of lab.

### Parameters

Temperature range	-10°C~40°C
Temperature accuracy	±1°C
Humidity range	10~90 %RH
Humidity accuracy	±5%RH

## TH27R Quartz Hygrothermograph



**Application:** TH27R Quartz Hygrothermograph is used to record the temperature and humidity of lab by hair shrinkage method.

### Parameters

Temperature range	-20°C~50°C
Temperature accuracy	±0.5°C
Humidity range	0~100 %RH
Humidity accuracy	±3%RH
7 styles record methods	1,7,31,62,93,183,365 days

## L95-2 Digital Hygrothermograph



**Application:** L95-2 Digital Hygrothermograph is used to determine the temperature and humidity of lab on the field of laboratory temperature controlling, scientific research, HVAC system, safety of food and drug, chemical industry and medicine, and other fields where the temperature and humidity is needed to be determined and monitored.

### Parameters

Temperature range	-40°C~100°C
Temperature accuracy	±0.5°C
Temperature resolution	0.1°C
Humidity range	0~100 %RH
Humidity accuracy	±3%RH
Humidity resolution	0.1%RH
Storage capacity	16000 groups of test results
Inter-record gap	2s~24h, adjustable

## Temperature Indicating Strip



**Application:** Temperature Indicating Strip is used to indicate the maximum temperature achieved in textile processing by changing its color.

### Parameters

Temperature range	40°C~71°C(104°F-160°F) 204°C~260°C(399°F-500°F) 160°C~199°C(320°F-390°F)
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## YG802D Semi-automatic Fast Eight-basket Oven



**Application:** YG802D Semi-automatic Fast Eight-basket Oven is the standard oven used in determining the moisture content and the moisture regain of various, fibers, yarns, textiles or related products in oven-drying method.

**Related Standards:** GB/T 9995, ISO 6741.1, ASTM D2654, etc.

### Parameters

Number of baskets	8
Drying time	<40min
Temperature range	RT~150°C LED display
Temperature accuracy	±1°C
Temperature uniformity	±2°C
Drying mode	Forced hot-air convection
Speed of wind close to samples	>0.5m/s
Rate of changing air	more than a quarter of the cubage per min
Balance rang & precision	500g, 0.01g
Power supply	AC380V, 50Hz

## HD101 Series Electro-thermal Blast Oven



**Application:** HD101 Series Electro-thermal Blast Oven is used to perform torrefaction, dryness, heat treatment and other high temperature treatment of yarn, fabrics, etc.

### Parameters

Volume	16L	30L	50L	80L	136L	220L	420L	620L	1000L
Temperature Range	RT+10°C~200/250°C								
Fluctuation	±1.0°C								
Resolution	0.1°C								
Environmental temperature	+5~40°C								
Timing range	1~9999min								
No. of racks	2						3	4	
Power supply	AC220V 50Hz						AC380V 50Hz		

## T85 Water Extractor



**Application:** T85 Water Extractor is applicable to spin-dry various yarns and fabrics.

### Parameters

Capacity	6.0kg
Timing range	5min
Motor power	170W
Power supply	AC220V 50Hz





## Sample Cutter



**Application:** Sample Cutter is used to cut the circular sample of a specified area out of various textiles. Being Combined with ZK200C, it can also be used to determine the weight per area of textiles.

**Application:** ISO 3801, EN 12127, etc.

### Parameters

Model number	Z01B	Z01KI	Z01KII	Z02	Z03
Cutting mode	Manual			Electric	Manual
Cutting size	100cm <sup>2</sup>	11.3cm <sup>2</sup>	154cm <sup>2</sup>	100cm <sup>2</sup>	100cm <sup>2</sup>
Diameter of specimen	112.8mm	38mm	140mm	112.8mm	112.8mm
Thickness of specimen	<5mm				

## DW1111 Pneumatic Sample Cutter



**Application:** DW1111 Pneumatic Sample Cutter is used to cut out circular specimens of fixed diameters or dumb-bell shape specimens rapidly, accurately and safely.

**Application:** ISO 3801, EN 12127, etc.

### Parameters

Cutting method	Pneumatic
Input pressure	≥0.5Mpa
Cutting pressure	7KN when the input pressure is 0.6Mpa

## DW1112 Electric Cutter

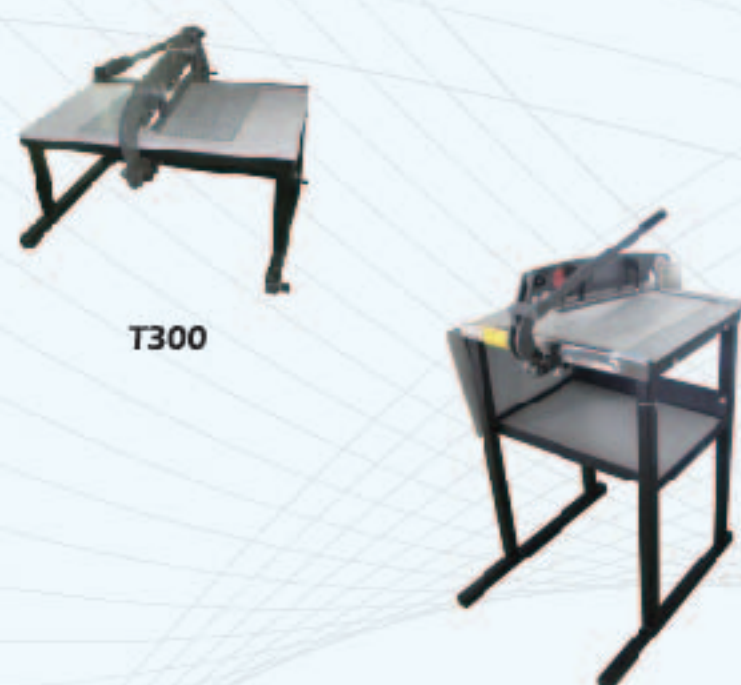


**Application:** DW1112 Electric Cutter is used to cut materials. It is used in many fields, such as costume, leather and leather-related products, fabrics, rubber products, paper manufacturing, blanket, carpet, furniture, umbrella manufacturing, hat manufacturing and so on.

### Parameters

Diameter of the blade	100mm
Shape of the blade	Octagon with eight arc sides
Cutting thickness	27mm
Power supply	220V 50Hz

## Manual Sample Cutting Table

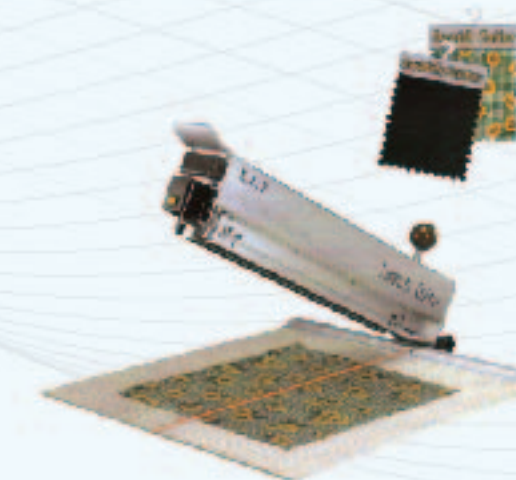


**Application:** Manual Sample Cutting Table is suitable for cutting fabrics of cotton, wool, silk, hemp, chemical fiber, etc.

### Parameters

Model No.	T300	T400	T500	T600
Knife length	300mm	400mm	500mm	600mm
Max cutting thickness	15mm, manual			

## EZ-2 Swatch Cutter



**Application:** EZ-2 Swatch Cutter is used to cut out specimens of fixed size rapidly, accurately and safely. It can be installed in any table top without limited.

### Parameters

Cutting blade	Φ80mm zig blade (pitch 5mm)
Cutting thickness	10mm
Cutting length	450mm
Scale cutting mate size	500×500mm (double size usable)

## HZ Series Electronic Balance



**Application:** HZ Series Electronic Balance is designed for weighing use.

### Parameters

Model	HZY-A Series	HZY-B Series	HZT-A Series	HZT-B Series
Measuring range	100/200/300g	110/210/310/510/610/1100/2100g		2100/3100/6100g
Accuracy	0.001g	0.01g	0.01g	0.1g
Power supply	AC220V 50Hz			

## CZ1-2D Fabric Drilling Machine



**Application:** CZ1-2D Fabric Drilling Machine is used to drill and mark on fabrics of cotton, woolen, fiber, silk, chemical fiber and leather after tailoring.

### Parameters

Cutting height	100mm
Knife speed	2800rpm
Knife size	1.6/2mm
Power supply	AC220V 50Hz

## SNB/NDJ Series Rotary Viscometer



**Application:** SNB/NDJ Series Rotary Viscometer is used to determine the viscosity and rheological property of various fluids or semi-fluids. It also can measure the dynamic viscosity or structural viscosity of mineral oil, lubricating oil, adhesives, paint, dyestuff and ink.

**Related Standards:** ISO 2555, ISO 1652, etc.

### Parameters

Model number	SNB-1	SNB-2	SNB-3	NDJ-5S	NDJ-8S
Measuring range (mPa·s/ cP)	10~6, 00,000	10~6,0 00,000	4~40, 000,000	10~10 0,000	10~2, 000,000
Rotating speed(rpm)	1~60	0.1~99.9	0.1~99.9	6/12/30/60	0.3/0.6/1.5/3/12/30/60
Temperature measuring	Temperature range 0~100 °C with precision of ±0.1°C (optional equipped)				
Rotor specifications	4 types: 1#, 2#, 3#, 4# (0# rotor is optional equipped)				
Precision and repeatability	±1.0% Newtonian fluid; 0.5% Newtonian fluid				
Power supply	220V, 50Hz				





## BZGY908 Series Color Assessment Cabinet



**Application:** BZGY908 Series Color Assessment Cabinet is a universal preferred choice for color fastness, close and accurate color matching of textiles in dyeing and garment industry.

### Parameters

Model No.	BZGY908A	BZGY908B	BZGY908C	BZGY908D
<b>D65</b>	2×18W	2×18W	2×18W	2×36W
<b>UV</b>	1×18W	1×18W	1×18W	1×36W
<b>Light sources</b>				
<b>TL84</b>	2×18W	2×18W	2×18W	2×36W
<b>F/A</b>	4×40W	4×40W	4×40W	6×40W
<b>CWF</b>	2×18W	—	2×18W	2×36W
<b>TL83/U30</b>	2×18W	—	—	2×36W
<b>Power supply</b>	AC220V 50Hz			

## YLD-200 Portable Precision Colorimeter



**Application:** YLD-200 Portable Precision Colorimeter is mainly used for color matching analysis and color quality control; it can be widely used in plastic, painting, printing, clothing, dyeing and other related industry.

### Parameters

<b>Illumination and observation system</b>	8/d (8° illumination angle/ diffuse reflectance) SCI (including specular light) SCE(eliminating specular light)
<b>Light source</b>	white light
<b>Observation angle</b>	10° (according to CIE)
<b>Observation condition</b>	D65, D50, F11
<b>Measurement caliber</b>	8mm
<b>Power supply</b>	DC 5V or 4 alkaline batteries

## WSB-3A Whiteness Tester



**Application:** WSB-3A Whiteness Tester is used to determine the whiteness of non-colored objects with flat surface or powder.

**Related Standards:** ISO 2469, ISO 2470, JB/T 9327, JJG 512, etc.

### Parameters

<b>Light source</b>	D65
<b>Diameter of the diffuse ball</b>	150mm
<b>Measuring hole</b>	Φ30mm
<b>Display value draft</b>	≤0.2/30min
<b>Display value error</b>	≤0.1
<b>Repeatability</b>	≤0.2
<b>Power supply</b>	AC 220V, 50Hz

## ML10003 Magnifier



**Application:** ML10003 Magnifier is used for electronic process, machining, chemical analysis, biological, drawing, art, PCB, gold and silver jewelry, stamp collecting, reading, writing, painting etc.

**Related Standards:** IEC 60968, IEC 60969, etc.

### Parameters

<b>Magnification</b>	3×, 5×, 8×, 10×
<b>Lens diameter</b>	125mm
<b>Power supply</b>	220V 50Hz

## DZQ130 Series Stainless Steel Electric Distiller



### Parameters

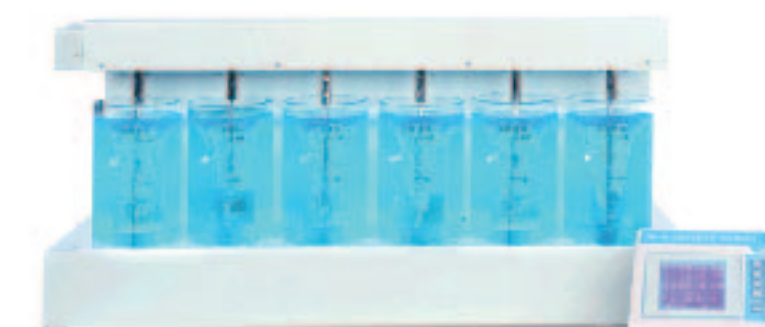
Model No.	DZQ130-5	DZQ130-10	DZQ130-20	DZQ130-50	DZQ130-100
<b>Vaporizing rate</b>	≥5L/h	≥10L/h	≥20L/h	≥50L/h	≥100L/h
<b>Water consumption</b>	60kg/h	140kg/h	280kg/h	1400kg/h	2800kg/h

**Application:** DZQ130 Series Stainless Steel Electric Distiller is used to produce distilled water.

## ZR4 Series Jar Tester



ZR4-2



ZR4-6

**Application:** ZR4 Series Jar Tester is the specialized testing instrument (not an analytical instrument) used to carry out the jar test during procedure of water treatment. It is used to simulate the processes of adding additives, reaction, coagulation and settling which happen during the procedure of water treatment (including purification of drinking water and sewage treatment).

**Related Standards:** GB/T 15892, GB/T 22627, JIS K1475, ANSI/AWWA B408, etc.

### Parameters

Model No.	ZR4-2	ZR4-4	ZR4-6
<b>Type</b>	Portable		Desk-top
<b>Number of working positions</b>	2	4	6
<b>Cube test cups (optional)</b>	---		1.5L, 11×11×17cm
<b>Cylindrical test cups</b>	1.0L, Φ11×18cm 0.6L, Φ9.5×13cm Selectable	0.6L, Φ9.5 ×13cm	1.0L, Φ11×18cm
<b>Speed</b>	10~1000rpm, continuously variable		
<b>Run time</b>	0~99m59s per period of program A piece of program is divided to 10 periods		
<b>Voltage supply</b>	AC220V 50Hz		

## X85-2S Hot Plates with Magnetic Stirrer



### Parameters

<b>Plate diameter</b>	145mm
<b>Speed range</b>	100~1500rpm
<b>Hot plate temperature range</b>	RT~300°C
<b>Heating power</b>	600W
<b>Power supply</b>	AC220V 50Hz

**Application:** X85-2S Hot Plates with Magnetic Stirrer feature an exceptionally durable, chemical resistant alloyed work surface. Their space-efficient design (with dia 145mm), makes them ideal for use on crowded benchtops.

## CM-1 Color Meter for Liquid



### Parameters

<b>Measuring range</b>	R0.1~R79.9Lovibond unit for red Y0.1~Y79.9Lovibond unit for yellow B0.1~B49.9Lovibond unit for blue N0.1~N3.9Lovibond unit for neutral gray
<b>Readability</b>	0.1Lovibond unit
<b>Whiteboard reflectivity</b>	>80%

**Application:** CM-1 Color Meter for Liquid is used to measure the chromaticity of various oils & cereals and liquid, colloid and power samples.





## TF Series Lab Fume Hood



**Application:** TF Series Fume Hood is an enclosed working chamber filled with an exhaust ventilation system. It can contain, dilute and disperse gases, vapors and aerosols to external environment.

### Parameters

Model No.	TF-1200	TF-1500	TF-1800
Wind speed	0.3~0.6m/s, adjustable		
Air flow	1500~3000m³/h		
Window lifting range	0~600mm, adjustable		
Illumination	≥200LX		
Working chamber width	1100mm	1300mm	1700mm
Working chamber depth	600mm		
Working chamber height	1030mm		
Power supply	Single phase: AC220V 50Hz Three-phase: AC380V 50Hz		

## PH Meter



PR01 Mini PH Meter



JECON6173  
Bench-top PH Meter

**Application:** PH Meter is used to quickly get reliable PH value.

### Parameters

Model No.	RP01	JECON6173
pH Measuring Range	0.0~14.0pH	0.00~14.00pH
pH resolution	0.1pH	0.01pH
pH accuracy	±0.1pH	±0.01pH
Temperature measuring range	---	-10~120°C
Power supply	Button battery	AC220V 50Hz or 1.5V battery×6

## DT Series Digital Stroboscope/Tachometer



DT-2350B



DT-2350E



DT-6236B

**Application:** DT Series Digital Stroboscope/Tachometer is used to observe moving parts and rpm of the fast repeated motions.

### Parameters

Model No.	DT-2350B	DT-2350E	DT-6236B
Measuring range	50~40,000FPM	50~2,000FPM	Opto mode: 2.5 ~ 99,999 r / min Contact mode: 0.5~19,999 r / min Contact wire-speed mode: 0.05 ~ 1999.9m/min
Resolution	1 FPM(>1000FPM) 0.1FPM(<1000FPM)		Opto mode: 0.1 rpm (2.5~999.9 rpm) 1 rpm (more than 1000 rpm) Contact mode: 0.1 rpm (0.5~999.9 rpm) 1 rpm (more than 1000 rpm) Contact wire-speed mode: 0.01m/min(0.05~99.99m/min) 0.1m/min (more than 100m/min)
Sampling frequency	0.3s		0.8s
Power supply	AC220V 50Hz		4×1.5V batteries or external DC6V





## Lab Spinning Machine



DW7070H Lab Opener



DW7010H Lab Carding Machine



DW7011H Lab Combing Machine



DW7020H Mini-type Drawing Machine



DW7030H Speed frame



DW7040H Ring Spinning Machine



DW7050H Lab Doubling  
and Twisting Machine



DW7051H Lab Twisting Machine



DW7060H Lab Cone  
Winding Machine



DW7060L/T Cone Winding  
Machine for Yarn Dyeing



DW7062 Hank to Cone Machine



DW7090 Melt Spinning Machine





## Lab Weaving Machine



GA193-400  
Small Sample Warping Machine



SU222  
Sample Sectional Warping Machine



DW298  
Semi-automatic Sample Loom



DW598  
Fully-automatic Rapier Sample Loom



DW698 Air Jet Sample Loom



DW0910 Lab Knitter



DW0910S Lab Knitter with rack



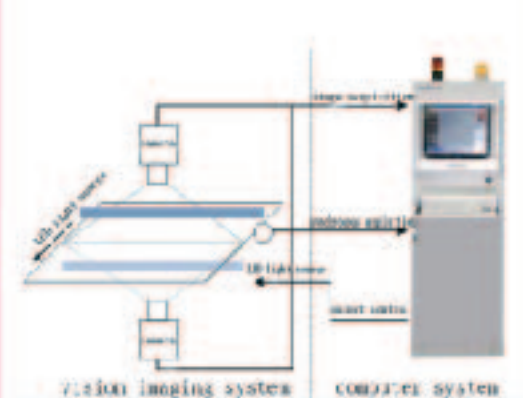
DW0910S with storage feeder



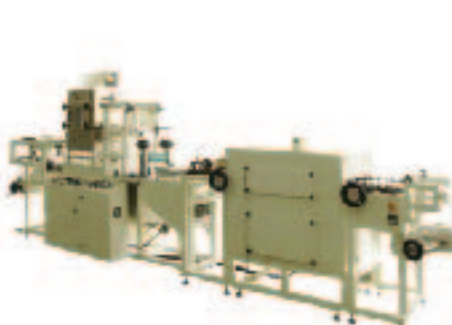
DW0990  
Lab Lacing Machine/Lab Jacquard Loom



DW0980  
Lab Fabric Inspection Table



DW0981 On-line Fabric  
Surface Defect Detection System



MUL70 Coating & Squeezing &  
Steaming & Drying Combined Testing Machine

## Latest Advanced Machine



WFO-3500  
Weather-Ometer and Fade-Ometer



UTM-5000 Electronic  
Universal Strength Testing Machine



MAP-09 Digital  
Martindale Abrasion and Pilling Tester



BT-06 Auto Burst



ET-128  
Digital Elmendorf Tearing Tester



FT-0670V  
Vertical Flammability Tester



FT-0670H  
Horizontal Flammability Tester



FT-0670G  
45° Automatic Flammability Tester



FT-0670U Flammability Tester



APT-500 Air Permeability Tester



CFT-24  
Rotawash Color Fastness Tester



WET-05  
Automatic Lab Washer-Extractor





## Consumables



Gray scale (color change & staining)



SDC Cotton Lawn Rubbing Fabric



SDC Wool Abradant Fabric



SDC Woven Felt Pads 90mm



SDC Multifiber



SDC ECE/ICE Detergent



AATCC-1993 Standard  
Reference Detergent WOB



AATCC Blue Wool



AATCC Multifiber Test Fabric



EMPA Photographs



SM50 Pilling Grading Photographs



SM54 Photographs

**\*Need more consumables, please contact us.**