



Introduction on Digital Fabric Devices

3D Fabric Scanner, including color, normal map, transparency, metalness, displacement map.
Fabric physical property measurement, including blending, stretch.....



We are a pioneer company in fashion industry that provides one-stop solution, which includes “Fabric scanning, fabric measurement, software and online collaboration.”

3D Fabric Scanner

Advantages

Scanner comparison

Effect

Operation

Fabric Physical Property Measurement Device

Introduction

Demonstration









3D Fabric Scanner

A direct link to [Style3D Software](#)

Capture so much more detail,
Transform fabric into digital art.
Make even the smallest details
seem epic, Easy to use.

Generate pattern alternation automatically.

Up to 40,000,000 pixels.

Compatible with multiple and blending texture.

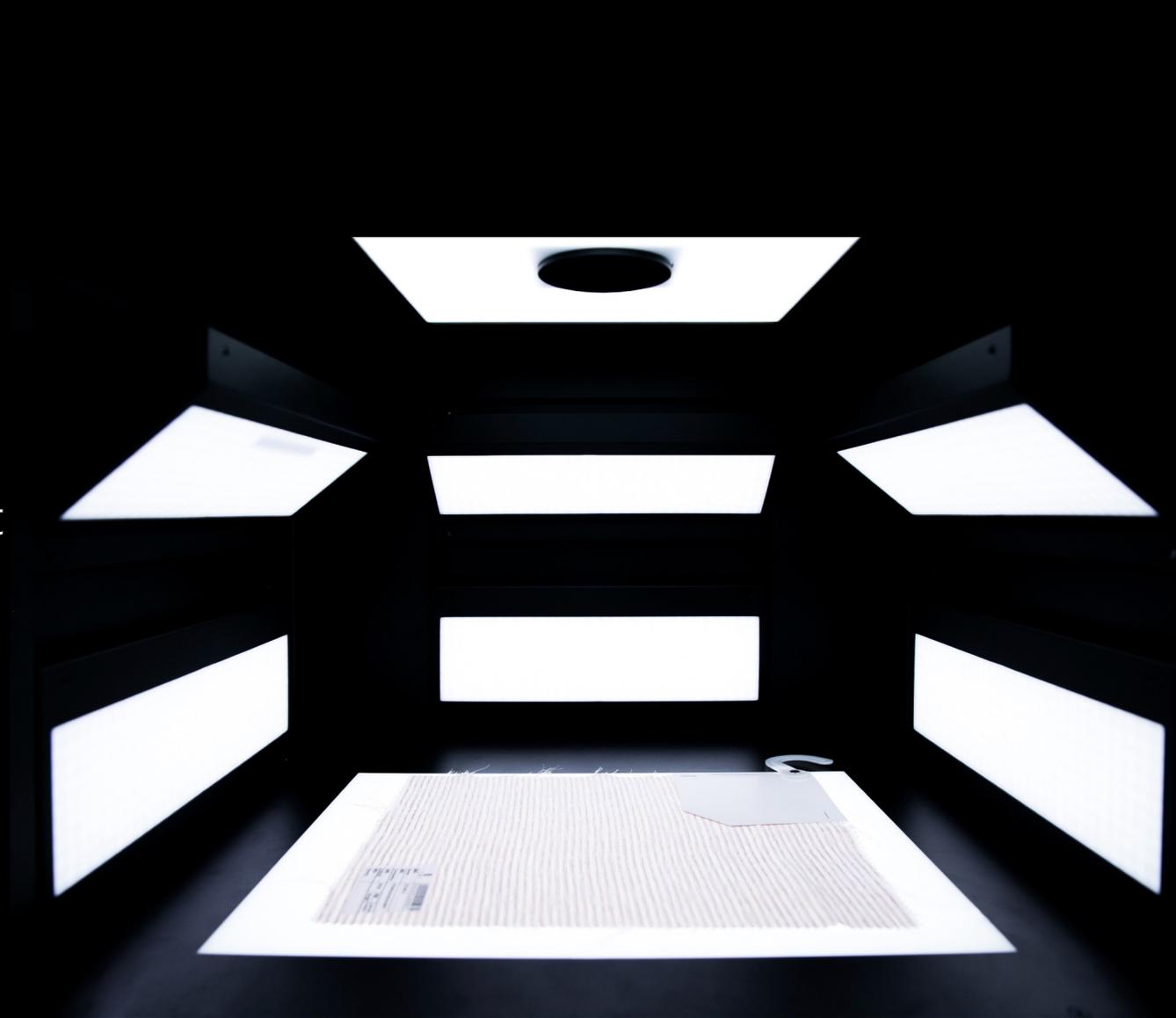
Capture fabric metrics so accurate.

Present fabric with every single detail.

Built-in camera with high pixel
Capture the colors with high accuracy



High precision optics to uniform light
Well-distributed light
High color rendering (\geq Ra95)
LED guide plate (CT 6500K)

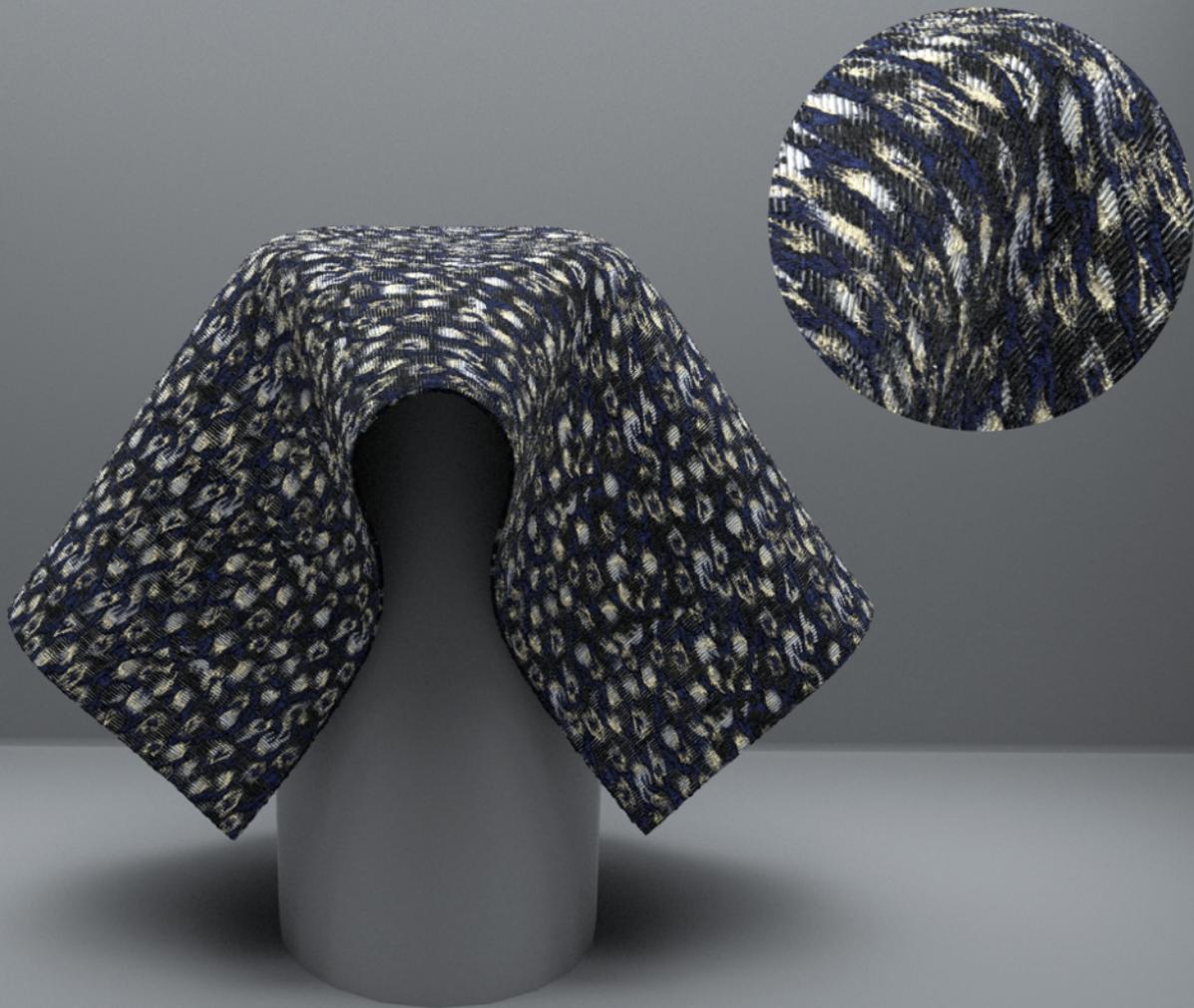




High strength aluminum frame
High hardness PMMA

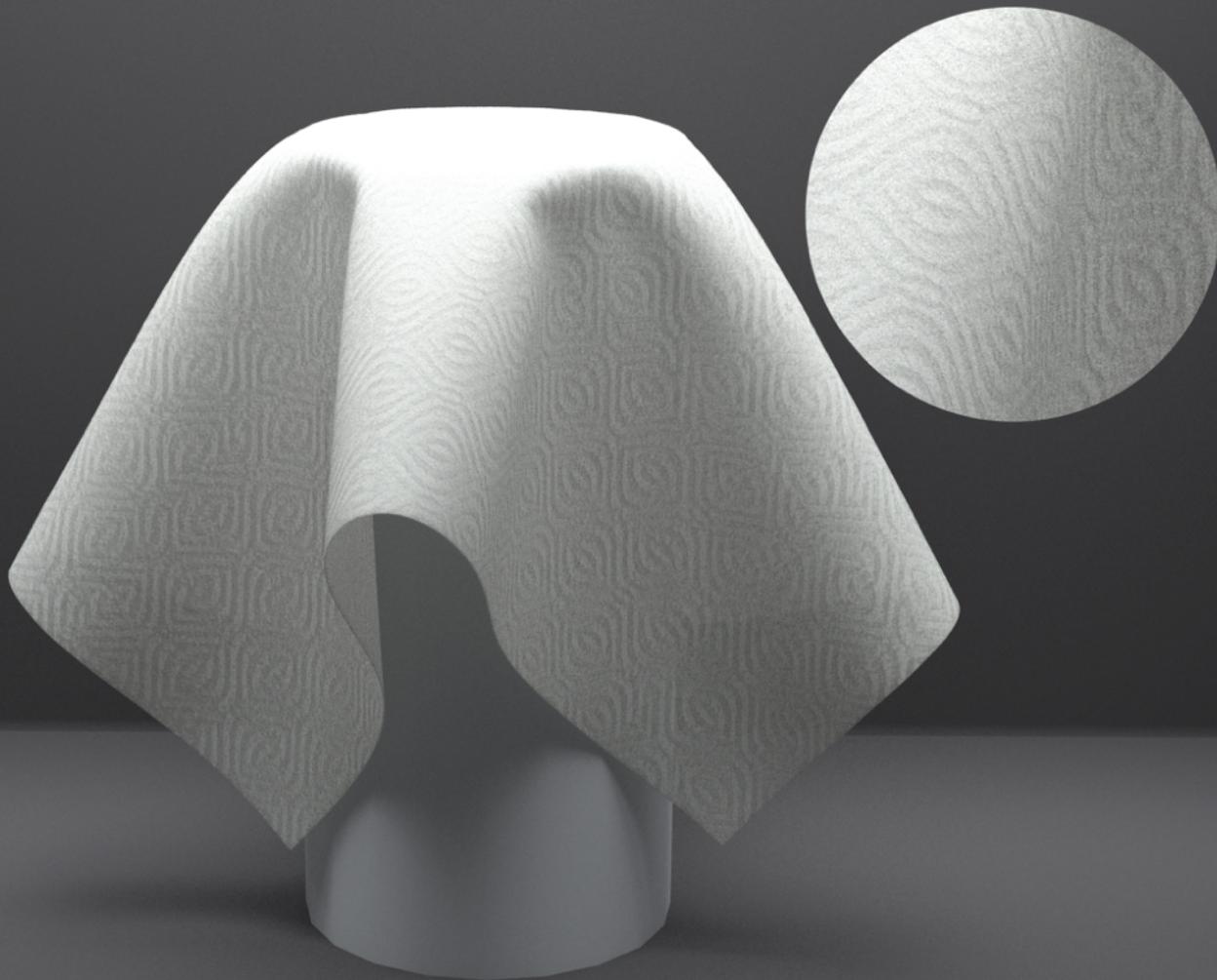
///-Scanner Comparison

	Flatbed Scanner	Fabric 3D Scanner	Similar 3D Scanner
Software	A direct link to Fabric software.	A direct link to Fabric software.	No direct link to Fabric software, have to import U3M files.
Pattern	Need to use software for map, including normal map, gloss map, metal map, transparent map and displacement map.	Auto-generate map, including normal map, gloss map, metal map, transparent map and displacement map.	Auto-generate map, including normal map, gloss map, metal map, transparent map and displacement map.
Speed	10s	2min	2min30s
Scan Resolution	Define with flexibility	45,000,000 pixel	45,000,000 pixel
Maximum Scan Size	A4	A5~A3	A4
File Format	JPG, PNG, U3M, GLTF, GLB, SFAB	JPG, PNG, U3M, GLTF, GLB, SFAB	JPG, PNG, U3M
Fabric Type	Common fabric, two-dimensional and some simple mixed texture.	Mixed fabric texture, such as dimensional, partial transparent, metallic yarn, reflection and so on.	Mixed fabric texture, dimensional, partial transparent, metallic yarn, reflection and so on.
Effect	Color: general Texture: general	Color: present the original colors, auto color, which deals with discoloring and shadowing. No need to re-color. Texture: capture fabric texture clearly, present fabric with every single detail. Gloss: present the fabric texture with leathers or glitters. Metalness: present every details of metallic texture with relevant yarns. Alpha: present mixed fabric with transparency, like partial transparency or detailed hollows, no more manual matting. Displacement map: present jacquard and other fabric with wrinkles with 3D detail.	/
Features	Color adjustment: luminance contrast, hue/saturation color , balance color , fading color, color changing. Seam repairing: smooth color, seamless fusion, automatic optimization of cutting, automatic and random loops, imitation stamps. Advanced maps: auto-generation, manual selection, cutouts, brushes, erasers. Fabric rendering: preview of multiple clothes, lift sub and drape tester, support lifelike V-Ray offline renderings. Fabric simulation:simulation of the warp, weft, and diagonal yarn in stretching (elasticity), bending (stiffness). You can grab and drag the fabric to view the simulation effect in real time.		Color adjustment: luminance contrast, hue/saturation. Seam repairing: smooth color, automatic loops. Advanced maps: auto-generation. Fabric rendering: preview of sphere and cylinder.
Price (CNY)	3,000	50,000	About 300,000



Color Map

Present the original colors which is close to the actual fabric with its high-fidelity camera. Auto Color, which deals with discoloring and shadowing.



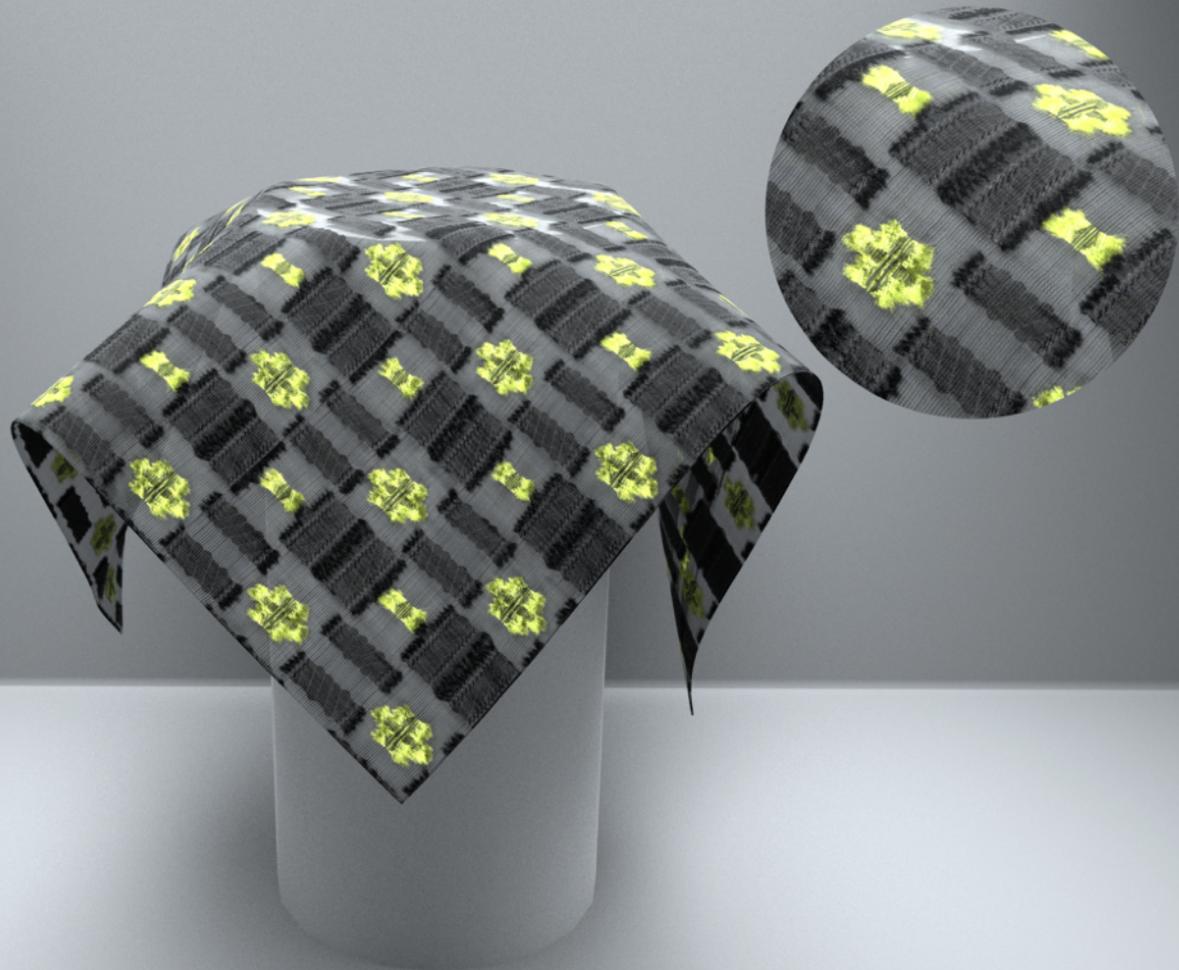
Normal Map

Auto photo shooting from different angles and deal scan pictures with algorithms.

Generate delicate fabric map.

Presents the fabric in accurate details.

No need to re-color.



Transparent map

Make accurate transparent map automatically.
Handle fabric with hollows or grenadine easily.
The degree of transparency will be finished automatically.

No need to use one more software for matting.



Metal map

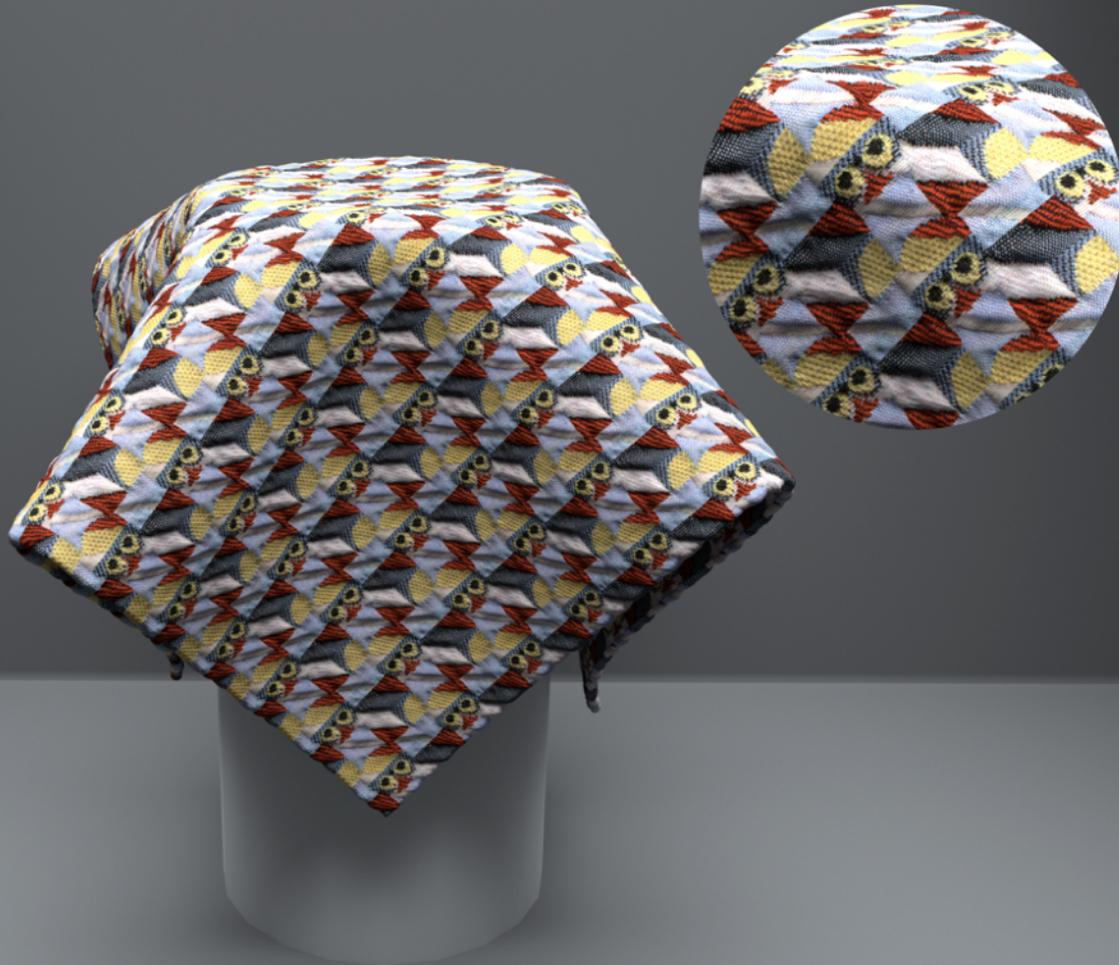
Automatically generate
gloss map and metal map.
Re-present reflective &
metallic texture in detail.



Gloss map

Automatically generate after-effect with leather texture.

Easy to present multiple and detailed leather texture.



Displacement map

Auto generate delicate displacement map.

Re-present jacquard and other fabric with wrinkles.

True-to-life 3D effect.

A large, white, rectangular fabric scanner is positioned on a white table. The scanner has a small, dark logo on its front face. In the background, there is a rack of white fabric samples. To the right, a white door is visible. The scene is brightly lit, likely from a window or studio lights.

Style3D Fabric Scanner Tutorial

Device connection

Driver installation

Proof colors & set up

Fabric ironing



Place the fabric



Click "Scan"



Auto generate map



Choose file type, export and save

///-Fabric Physical Property Measurement Device



Fabric Physical Property Measurement Device

Capture fabric physical property.

Easy to use with auto measurement.

No need to install and test, just plug in and use it.

[Link to Style3D Fabric Software directly.](#)

Auto process makes physical property with high accuracy.



Fabric Stretch Measurement Device

Measure stretch with high accuracy.

Up to 0.01N.

Power-drive system with high accuracy.

Up to 0.05mm.

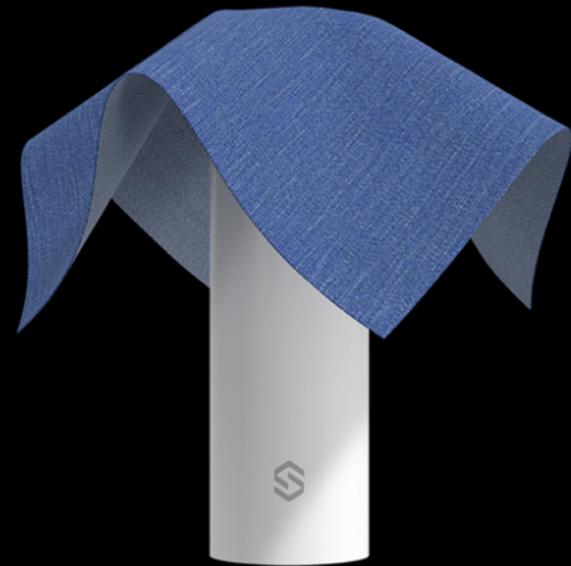
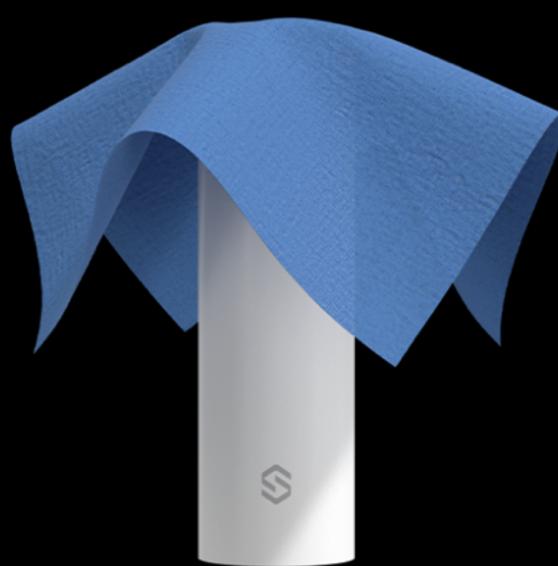
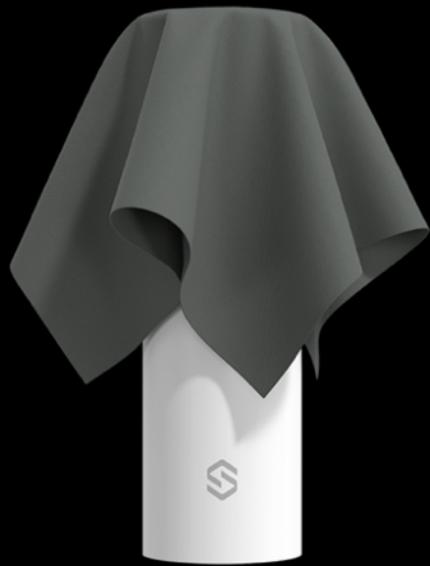


Fabric Blending Measurement Device

Semi-closed test zone.

Handy plans for fabric clamping.







What you see is what you get

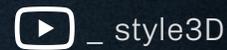
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