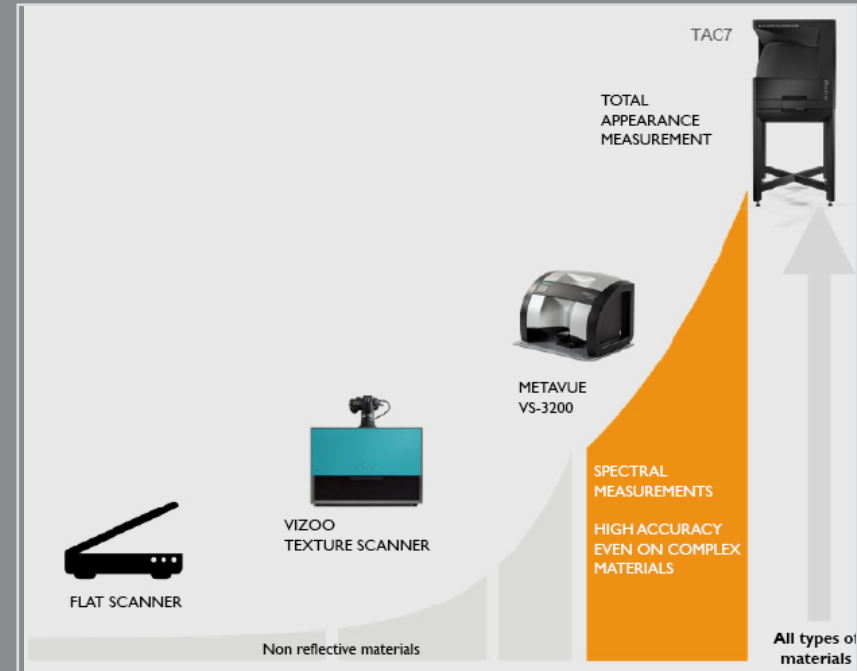**VVC**
Scan 3D

3D Scan Service

3D Scan Service

√ Our 3D scanning center is for design software users who want the best rendering of their materials during the design process.

√ We are able to digitize any type of material: leather, fabric, coated canvas, car paint, lacquer, metal, carpet, plastic, etc.

√ VVC uses its expertise in physical testing to optimize the characterization of materials in order to obtain a hyper realistic rendering.

Choose the right technology for your fabric

TAC 7

√ The TAC7 will be ideal for complex, anisotropic materials, lace, effect paints, reflective leather etc

√ The file produced is in AxF format and integrates the spectral values, which makes industrialization easier and more precise.

+

Optimal quality
Colors in spectral values

−

Small scanning area (Ø 15 cm)

VIZOO

√ The Vizoo xTex is suitable for textiles and leathers with low to medium reflectance.

√ The scanning surface (A4) will be ideal for prints.

√ The file produced is in xTex or U3M open source format.

√ The colors are measured in RGB and sometimes need to be retouched (via Photoshop).

√ The different maps are exportable to several different 3D creation software.

➕

A4 or A2 scanning area
Fast
Easy tiling
High resolution (max 2000 dpi)

➖

Less accurate RGB colors

METAVUE VS3200

√ The Metavue VS3200 captures spectral color and texture with measuring area of 2 to 12 mm maximum.

√ It will be used on plain or small patterned samples.

√ Its adjustable zoom allows the selection of print or lace colors.

+

Spectral colors and textures
Adjustable zoom dia 2 to 12 mm
Ideal to create a library of + colors and textures
Very fast

−

Small measuring area
Less accurate rendering

EPSON
V850

√ The EPSON V850 Office Scanner captures the patterns.

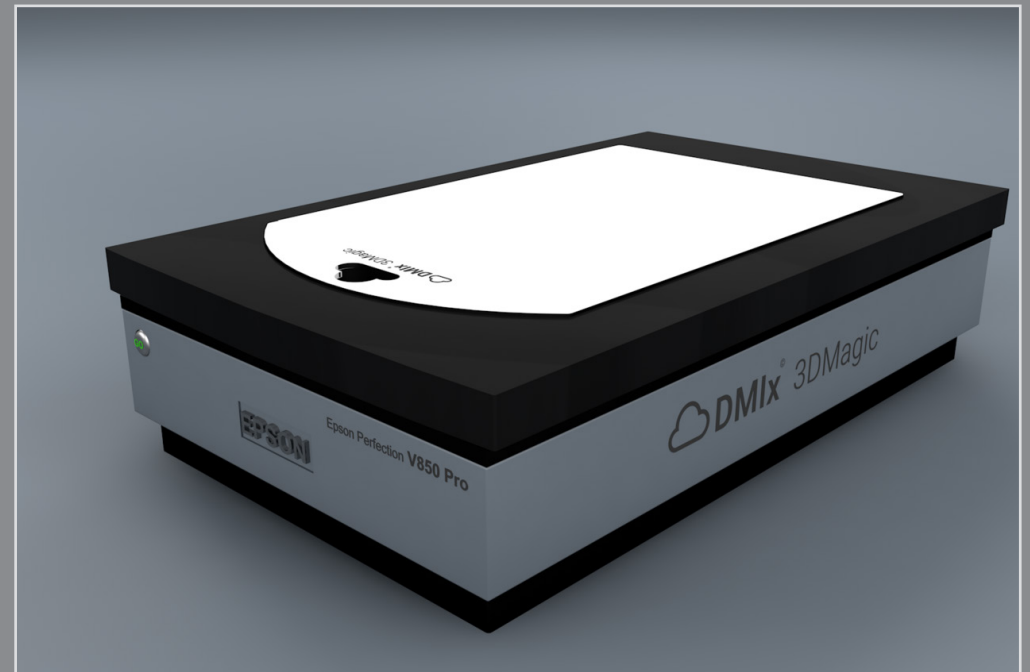√ The colors and textures can then be added thanks to the VS 3200 and a creation software

➕

Low cost
Interface with Photoshop, Style 3D and DMIx Cloud
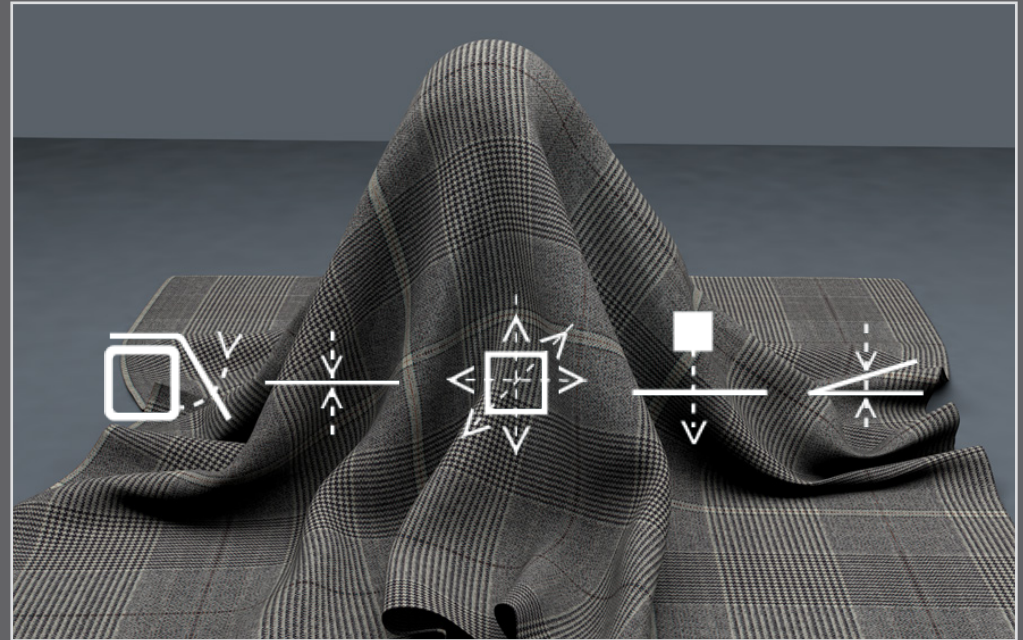
➖

Long material rendering process

√ VVC has acquired over 20 years of expertise in physical testing equipment.

√ We have put together a physical test module to characterize your material:
- Mass per unit area ,
- Thickness,
- Bending,
- Elongation

√ Our tests are based on international standards. The results are converted to the formats required by the different software packages CLO, Browzwear and Assyst.

√ We apply the recommendations of the American 3D RC consortium for a harmonization of the characterization of physical properties in the different software.

Characterization of the physical properties of materials

PRICES

	TAC7	VIZOO A4	Metavue VS3200	V850 EPSON
3D scanning	200 €	55 €	55 €	55 €
Post processing	40 €			
Extensive post processing (substance 3D)	100 € per hour			
Physical properties	60 €			

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