QUADRAXIS

VERSION 2017

YOU WANT TO

> **INCREASE** your container's APPEAL by having designs cover most of its surface area.

> **DEVISE WITHOUT CONTRAINTS** multiple design variations for your container.

> **STAND OUT** from competition by proving responsiveness and high technical skills.

> **RAPIDLY GET** a reliable digital proof that will take into account the design distortions resulting from manufacturing.

> **ENSURE WITHOUT A DOUBT** your label prints the way you envisioned it.

You seek to
SIMPLIFY CREATION AND PRODUCTION PROCESSES.

Quadraxis Sleeve3D Suite
Your Sleeve's Design and Printing solution

QUADRAXIS SLEEVE3D SUITE® offers a solution to companies in the Packaging industry who must create and produce sleeves to get the most out of not only rich graphics but also a maximum decoration area.

SLEEVE3D SUITE® allows packaging designers and prepress operator to correct design distortions occurring during the sleeve application onto the container.
To that end, it is based upon measurements and not some hazy calculation or simulation.

With Sleeve3D Suite, you can now have any container you want covered by a perfect artful design in only 4 simple steps

– Reconstruction of a 3D template of the container.
– Visualization of the original artwork on the 3D template so you get to see how the design is impacted by the shrink sleeve transformation process.
– Anamorphous calculation and pre-distortion of the design to make up for the shrink/stretch distortions.
– Creation of a 3D PDF File so you can actually see how the final product will look like.

With Quadraxis Sleeve3D Suite - Standard Edition

| Without artwork predistortion | Predistorted artwork | Container to sleeve | The final result is according to order |

With Quadraxis Sleeve3D Suite - Advanced Edition

| Without artwork predistortion | Print our intelligent pattern and sleeve it on container | Measure graphic distortion with Capture3D-SL | Compute artwork predistortions with Pigmentz |

QUADRAXIS SLEEVE3D SUITE® offers modular services so you can create the perfect design for any of your shrink and stretch sleeves.

Depending on whether you usually work on simple and circular shapes or more complex and irregular-shaped containers, you can choose the Quadraxis Sleeve3D Suite edition that will best suit your needs.

	STAGES	Sleeve3D Standard	Sleeve3D Advanced
Capture3D Program*	Measurement of actual distortions		✓
	Creation of the 3D template		✓
	Virtual reproduction of the sleeve's transformation process		✓
Pigmentz Program	Creation of the pre-distortions grids	✓	✓
	Export of the grids to Adobe Illustrator™	✓	✓
	Pre-distortion of the design directly into the editor	✓	✓
	Publish the project as a PDF 3D	✓	✓

DISTORTIONS' MEASUREMENT. No calculation, no simulation and no more guessing. Sleeve3D is THE solution you need to save time and to gain in precision being always assured of the best result.

INSTANT CONNECTION BETWEEN OUR 3D APPLICATION AND YOUR EDITOR. You can select a specific view point and/or the design's area you intend to correct while looking directly at the container's 3D template. The matching distortions' grid is then automatically generated and imported into your editor Adobe Illustrator™.

REAL-TIME VISUAL CONTROL. You will be able to control all changes made on the 3D template of your container throughout the entire process. Thus, you can adjust your design as you wish.

ENRICHED PDF 3D FILE'S CREATION. Once complete, you can export your object into a PDF 3D file, which is just the perfect tool to enable faster communication between all the parties involved in the project as well to simplify evaluation and approval process.

OPERATING SYSTEMS

– Windows 7, Windows 8, Windows 8.1, Windows 10.
– MacOS X Mavericks 10.9.5, MacOS X Yosemite 10.10.2, MacOS X El Capitan 10.11, MacOS 10.12 Sierra.

PROCESSOR

Intel Core i5 or i7.

MEMORY

– RAM: 8 GB It requires a 64 bits version of Windows.
– Hard Drive (SSD strongly recommended): 5 GB for software installation and 50/100 GB for saving project files.

VIDEO CARDS

– Nvidia GeForce 500 series equivalent or higher with 1GB memory.
– ATI Radeon HD 5000 series equivalent or higher with 1GB memory.

Ai ILLUSTRATOR

Version CS6 / CC2017 (64 Bits).

VERSION 2017 new features

Capture3D

- Performance increased with more precision and speed.
- Possibility to select several resolutions of the camera.
- Pattern to measure can be printed with black or white lines.
- New feature for smoothing the noise measurement.
- Interface with a better ergonomic to display the 3D object.
- Computation of the measure can be cancelled.
- Remote control to take snapshots with a mobile device (smartphone, tablet,…). The device navigator must be compatible with HTML 5.

Pigmentz

- The new version Pigmentz is compatible from Illustrator CS6 to CC2017.
- Addition of high resolutions decoration to improve the 3DPDF quality.
- Warpgrid mapping has been renamed by Envelope 3D for a better integration with Illustrator.
- Export of decorated 3D models to visualize them with latest web browsers (Firefox, Safari, Opera, Chrome, Edge, Internet Explorer) of computers, tablets, smartphones supporting WebGL and HTML5.
- Load of several Capture3D projects in a single step.
- New feature to automatically align 3D objects (Capture3D projects and 3D file formats obj, iges, collada).
- Feature to transfer decoration between any 3D objects and Capture3D project.
- Automatic sorting of Capture3D projects with similar distortions to compute the average 3D object.
- Visualization of Capture3D snapshots in Pigmentz 3D interface.
- New feature of global predistortion.

As an option of Capture3D, the **C-Box3D** is a necessary accessory to reduce reflections on shapes to measure. **C-Box3D** is fully motorized and driven by Capture3D. A real time saver for measuring your 3D shapes with a better accuracy and an incomparable ergonomics.