

VERSION 2017

YOU WANT TO

- > **INCREASE** your object's **APPEAL** by having designs cover most of its surface area.
- > **DELIVER** accurate and intricate thermoformed products faster.
- > **STAND OUT** from competition by proving responsiveness and high technical skills.
- > **ENSURE WITHOUT A DOUBT** your design is printed the way you envisioned it.
- > **RAPIDLY GET** a reliable digital proof that will take into account the design distortions resulting from manufacturing.

**You seek to simplify creation and production processes.**

**Thermo3D Suite**

**Your Design and Printing Solution for thermoformed parts**

**THERMO3D SUITE®** offers a solution to companies who must create and produce thermoformed parts to get the most out of not only rich graphics but also a maximum decoration area.

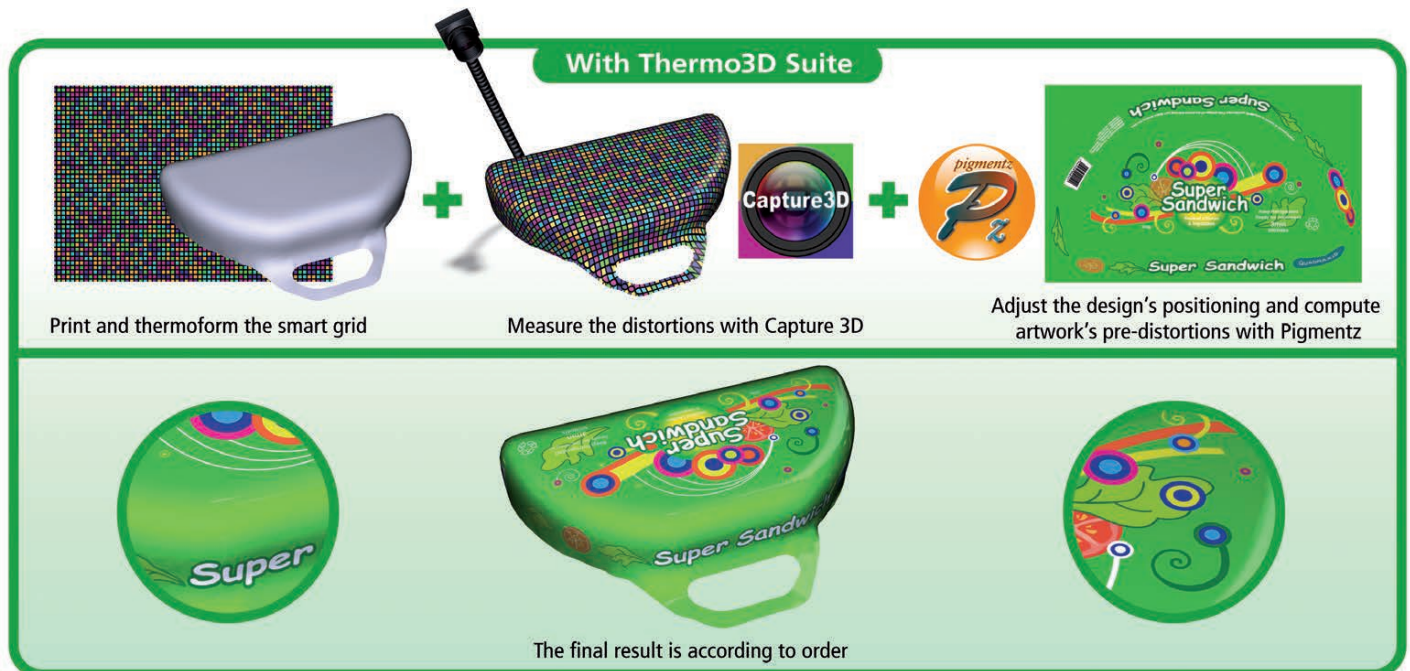
**THERMO3D SUITE®** allows designers and prepress operators to correct design distortions occurring while the plastic sheet is formed.

To that end, it is based upon measurements and not some hazy calculation or simulation.



**With THERMO3D SUITE, you can now have any thermoformed part you want covered y a perfect artful design in only 4 simple steps:**

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



Decoration of plastics to make them decorative or functional can often bring up a number of processing and performance issues, whether the printing stage happens before or after the forming process.

**THERMO3D SUITE®** helps you now to provide the upmost high-level decorative solution in a broad range of applications, regardless of your printing technique:

**Packaging / Retail P.O.P / Sign and banners / Appliances / Automotive / Consumer Products / Electronics...**



### DISTORTIONS' MEASUREMENT

No calculation, no simulation and no more guessing. THERMO3D SUITE 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 object'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 object 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 processes.

### 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 automatic alignment.
- 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.