



Introduction

Breakthrough Solution meets **Worldwide Growing Need** for more Accurate, Non-Erasable & Sustainable Product Coding & Labelling.

Compliant to ever Stricter Rules & Regulations for Product Safety, Integrity of Supply Chain, Origin, and Sustainable Business Processes. The NextGen Laser Technology using **Patented InPhocal Optics** for **400x Higher Focal Depth** with applications ranging from faster 10x laser marking to **10x more efficient** laser cutting. This laser beam never loses its focus and processes 3D shaped objects without loss in efficiency or quality.

One other feature of our unique laser beam is the ultra-small spot size, that can be used high precision laser processing. When used for wafer dicing, it allows for **MORE CHIPS PER WAFER IN THE SEMICONDUCTOR INDUSTRY**, increasing the Yield of Chip Manufacturing.

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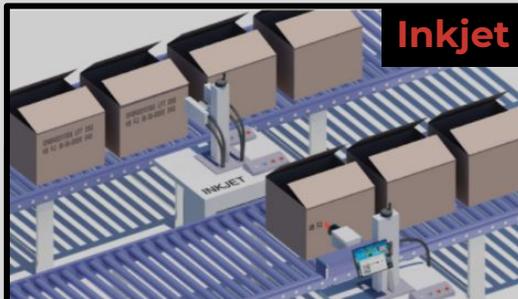
Technology

InPhocal delivers 3 products:

1 - A full autonomous laser system developed to penetrate the marking market. The InPhocal system is of the same size as a regular laser marking system currently available. TRL 6

2 - An optical system for high powered lasers, to be bought by licence per system. TRL 4

3- Built to specification laser systems. Our market research taught us that there is a huge demand for specific requirements for various markets, such as marking, cutting, 3D printing and the semiconductor industry. The design of these machines will depend on the task and application, where the machine is aimed to be used for. TRL 2-6 (depending on the industry)



Inkjet



Current Laser



InPhocal

The Commercialization of the current InPhocal laser system will help Laser Developers World-wide to reach applications of Mass Production that were not possible before. This will create huge Economical Value and New Emerging Markets.

The InPhocal optics system holds the Promise to be both a Disruptive and a Key Enabling Technology because of its Unique and Patented capabilities: Small and Low-Cost, enabling a wider range of applications on a large scale.



Laser technology is at the forefront of a new area of system transformation.

The potential of applying laser technology in new areas are currently undefined, but it's consumable-free way of working will help to speed up sustainability goals in production lines for various applications.