

VisionLine Mark:

Visible benefits
when marking.



VisionLine Mark – standardized TruMark image processing solution.

The new standardized image processing solution VisionLine Mark offers a new option for even simpler laser marking, and also enhances the retraceability of your products. The new software supports you with adjustment of the focus position, positioning of marking content, process-specific setup of the camera and lighting, and integration into automated production sequences – because parameters can be easily exported and imported.



Easy marking content setup.

VisionLine Mark shows you the marking area in the software, so that you can position your content on the component easily and precisely. VisionLine Mark Autofocus quickly finds the right working distance for components with different processing heights. The image processing software detects the exact position on the component surface, and the Z axis travels automatically to the correct marking position. This simplification of the positioning increases processing accuracy and productivity considerably – elaborate setup, expensive fixtures and

VisionLine Mark: Your benefits at a glance.

- 1 **Rapid setup with different components save time.**
- 2 **Optimized marking results due to high processing accuracy.**
- 3 **Comfortable operation, also during automated sequences.**
- 4 **Testing of marking results further improves retraceability.**

unnecessary scrap are all a thing of the past. For even more comfort, you can also integrate the Autofocus functionality as a standard sequence within an automated marking process.

Consistent retraceability.

For the consistent retraceability of your products, VisionLine Mark Traceability offers the optimal solution for the marking of 2D codes (DataMatrix or QR). The software gets its information from files or databases, converts it into codes, and marks them. Directly after the marking process, a camera reads the generated code on your component and compares the content with the information it has received. This immediately guarantees that the code really is legible and that the content matches the initial information. Further scenarios can also be realized – for example, you can save data such as the date or the operator in the initial database.

	VisionLine Mark
Available options	Observer, Autofocus, Traceability, Comfort Package
Standardized hardware	5-megapixel camera, LED illumination, fixation and adjustment plates
Software	New graphic user interface VisionLine Mark; operation in manual or automatic mode; individual camera and lighting configuration; axes controlled via VisionLine Mark; handling of variables; calibration function for camera; administration of user rights
Supported codes for traceability	DMC ECC200, GS1, QR Code, PDF417
Available marking lasers	TruMark Series 3000/5000 ^[1] /6000
Available focal lengths	f = 160 mm, f = 163 mm, f = 254 mm
Available marking stations	TruMark Station 5000, TruMark Station 7000

^[1] Not for TruMark 5010.

Subject to alteration. Only specifications in our offer and order confirmation are binding.