

**CAMERA CALIBRATION SUPPORT,
LASER TEMPLATE PROJECTION AND
WORKFLOW COORDINATION SOFTWARE
TO INCREASE YOUR PROCESS EFFICIENCY**

DTEC-PRO

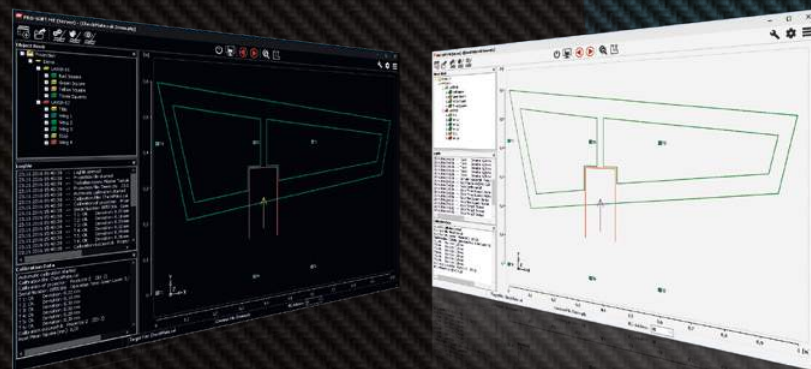
A combination of a circular flashlight and a camera detects reflecting targets and forwards their positions to the PRO-SOFT software - invisibly, as the flash works in the infrared spectrum. One DTEC-PRO may cover the area of several projectors.



**DTEC-PRO IR DRIVEN CAMERA
DETECTS TARGET POSITIONS
FOR HIGH-SPEED CALIBRATION**

PRO-SOFT

It's not only a projection software, it's your process control center: you can manage multiple tasks, projection data, tools, process steps, additional information, calibration data, quality control and more. Supported by DTEC-PRO, calibration is a breeze. Place your tools where you need them, re-arrange tools in the middle of production - no problem, takes just some seconds and you can go on.



**PRO-SOFT CONTROL SOFTWARE ORGANIZES
WORKFLOWS AND STREAMLINES OPERATION
FOR REDUCED PROCESSING TIME**

CAD-PRO

The small and light-weight projector has proven its performance in hundreds of productive systems. The green laser source is now a diode with a service life of at least 30.000 hours.



**CAD-PRO LASER PROJECTORS
REPLACE MANUAL TEMPLATES
FOR FASTER OBJECT POSITIONING**

THREE FACTORS FOR PROCESS ACCELERATION

Up to now, your production could profit from replacing physical templates with laser outlines displayed by CAD-PRO laser projectors. Furthermore, the PRO-SOFT software offers tools for organizing your processes, reducing production errors and improving quality.

Still, there was one annoying procedure: calibration. This has been solved: calibration is now made easy by DTEC-PRO. DTEC-PRO recognizes target positions of known tools, and communicates them to the projection software. Thus, CAD-PRO can directly hit the target positions without manual help. Calibration effort is reduced from minutes to some seconds (depending on tool size).

**DTEC-PRO + CAD-PRO + PRO-SOFT =
HIGH-END PRODUCTION ASSISTANCE**

DTEC-PRO, CAD-PRO, PRO-SOFT, HIGH-TECH LASER PROJECTION BY LAP

For more than 30 years, LAP has been developing, manufacturing and distributing laser measurement systems, line lasers and laser template projectors for industrial and medical applications. LAP products are high-precision devices *Made in Germany*. Using LAP laser systems, our customers improve performance and increase the quality of their products as well as the effectiveness of their processes.

As a result of continuous product innovation, LAP has become a world leader in lasers for projection and measurement. LAP products are setting the standards in a wide range of markets from manufacturing to heavy industrial environments and medical applications.

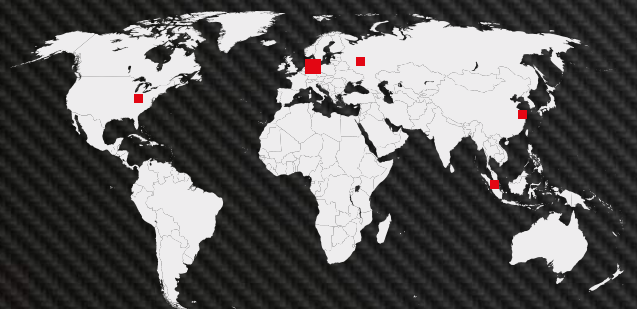
Environmental protection is important to us. We use solar panels, green electricity and roofs planted with grass. Our production is planned by standards of sustainability.

Quality has always been part of our commitment. We are content if you are. We know your high demands. To meet your requirements, the quality management of LAP is certified by DIN EN ISO 9001:2008 for industrial products and by EN ISO 13485:2007 for medical engineering products.

www.lap-laser.com/DTECPRO



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