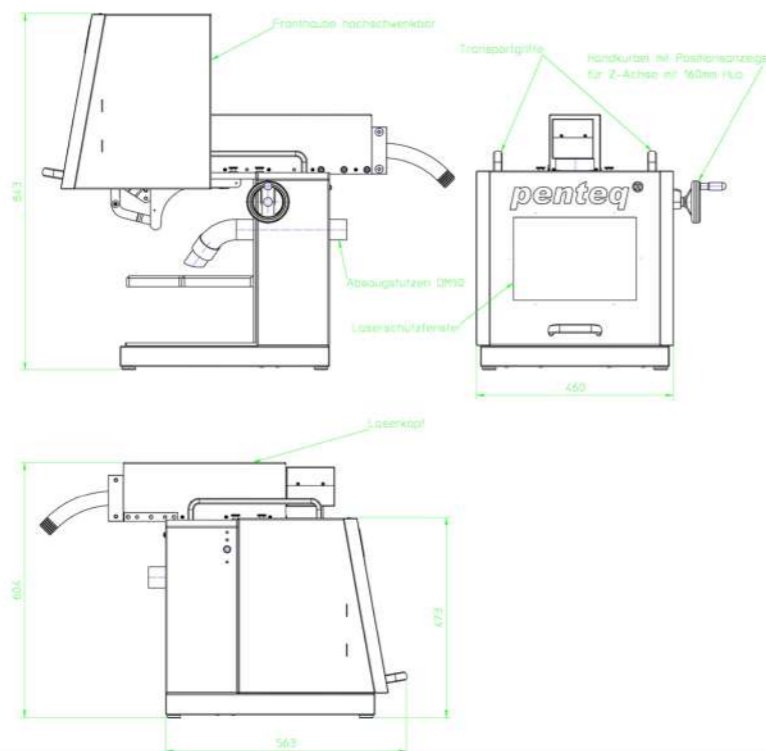Simplicity of use and high practicality were the key factors in the development of the LG50 DesktopLaserSystem.

All you need, no more and no less.

Completely equipped for the marking of metallic materials and numerous plastics in high quality.

penteq®
Automatic Laser Solutions

Desktop-LaserSystem
Easy to use and universal marking laser

Workspace Inside (W x D x H)	400 x 300 x 150 mm
Working range axis Z	150 mm manuel
Marking field	150 x 150 mm
Maximum workpiece weight	10 kg
Dimensions (W x D x H)	460 x 563 (843) x 604 mm (Without Keyboard, without screen and supply unit.)
Dimensions supply unit (W x D x H)	440 x 700 x133 mm (3HE)
Mass	Laser system 60 kg, Supply unit 25 kg
Aktives Medium	Yb fiber laser
Cooling	Air cooled
Leistung Standard	20 , 30, 50 Watt
Security	Laser class 1
Laser smoke extractor	Installed separately

LG 50

Penteq GmbH
Automatic Laser Solutions
Gastgebgasse 27, 1230 Vienna, AUT
Tel.: +43 (0) 1 489 19 03
Email: office@penteq.com
www.penteq.com

V. 0.1

DesktopLaserSystem LG50

The desktop laser system LG50 is a compact and user-optimized laser system with industrial design for economical marking of different materials such as steel, stainless steel, aluminum, aluminum anodised, brass and various plastics.

MACHINE BASE (optional)

The system can be ordered or retrofitted at any time with the additionally available solid steel welded underframe.
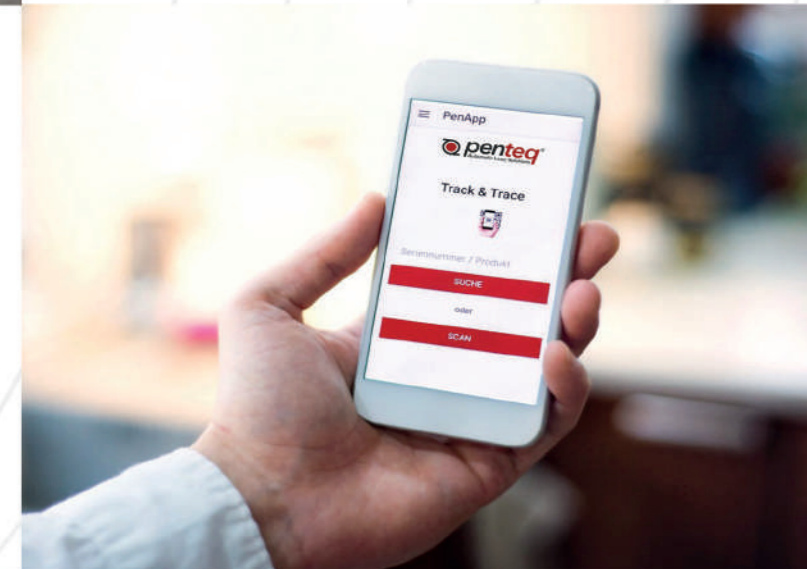
The supply unit, IPC, screen and keyboard can be accommodated in the machine frame especially developed for the LG 50.

Everything is on an optimal place and a simple change of the location is possible.

Consistent product tracking

In conjunction with the PenApp Track`n Trace, a continuous product tracking system can be installed that takes into account the customer-specific requirements.

The PenApp is characterized by particularly high Ease of use and is suitable for iOs, Android and Windows

Advantage manual focus adjustment

The manually adjustable by hand crank focusing is an adjustment during the Laser process possible.

This offers increased flexibility to experienced users, especially in the laboratory.

EASY OPEN FRONT FLAP

The upwinding front flap is equipped with the EasyOpen system and therefore also suitable for high loading / unloading frequencies.

This design makes an automatic door almost unnecessary, since for the opening and closing, only small force is required.
Design of the front flap with 3 sides to provide optimum accessibility to the working area.

EASY HANDLING

The unique design ensures maximum flexibility and easy operation without prior knowledge.

The penteq software package with graphic editor is included in the supply.

The input of text is very simple and the graphics can be compiled or drawn by mouse click.
In addition, the system has an import function for various formats, e.g. dxf, hpgl or svg for the simple import of logos or graphics.