



Easy of use and high practical value had priority in the development of the LG100 desktop laser system.

The main components such as laser supply unit and Industrial PC, as well as the NC-controlled Z-axis are fully integrated.

Screen, keyboard and mouse can be placed freely.

WORKSPACE INSIDE	490 x 285 x 200 mm (BxTxH)
ACTIVE MEDIA	Yb-Fiber laser
LEISTUNG STANDARD	20, 30, 50, 100 Watts
MARKING FIELD	150 x 150 (other sizes on request)
MAXIMUM WORKPIECE WEIGHT	30 kg
SECURITY	Laserclass 1
DIMENSIONS (BXTXH)	600 x 900 x 890 mm (B x T x H)
WEIGHT	approx.150 kg

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LG 100

LaserWorkstation

Premium quality with compact dimensions

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PENTEQ® LaserWorkstation - LG 100

Penteq LG100 desktop laser system is a compact and user-friendly laser class 1 system for economical marking of workpieces made of various materials such as: steel, stainless steel, aluminum, anodized aluminum, brass and numerous plastics

Seamlessly integrable

Standardized interfaces ensure problem-free integration into an existing software infrastructure.

Dynamic data transfer from ERP systems, order management and needs-based processing, documentation and archiving of processed jobs are software modules that are customized.

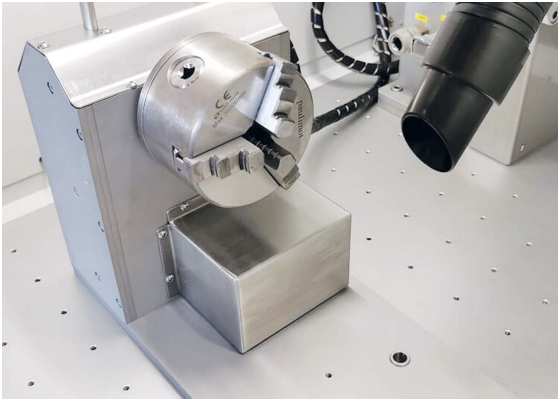


Optimum Accessibility by U-shape door

The fully automatic door in U-shape allows optimal access to the working area from 3 sides.

This makes it easy to assembly special devices or to aling small workpieces.

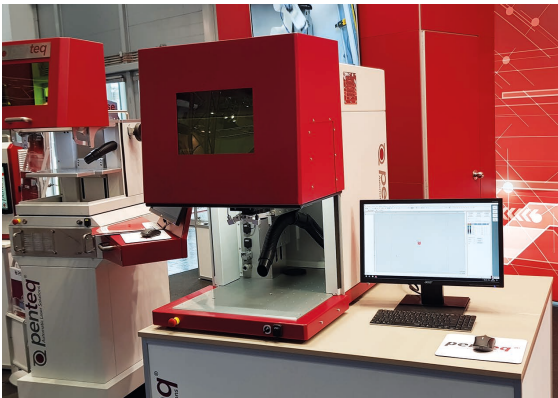
The large, CE-certified laser protection window provides excellent process monitoring.



Function modules

The LG 100 can be equipped with various function modules like FM rotary axis, PSA SmartAdjust and customer-specific workpiece carriers.

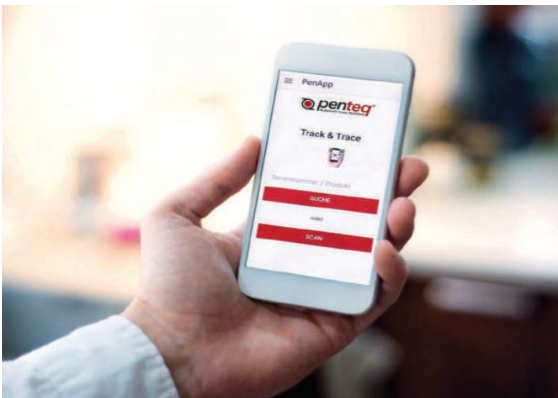
The workpiece carriers are equipped with a quick-change unit.



Solid industrial design

The rigid and powder-coated steel construction is designed for many years of industrial use.

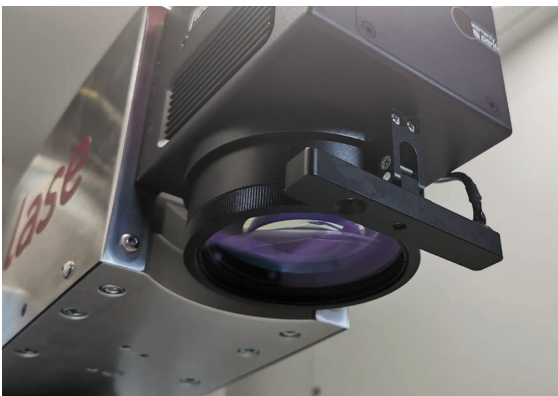
The basic version includes all components required for setup and operation



Consistent product tracking

In conjunction with the PenApp Track & 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..



Optional vision systems

PenVision Smart Adjust reduces set-up time and enables exact positioning of the labeling layout.

PenVision Verifier enables standard-compliant quality testing of applied Data Matrix codes according to ISO / IEC TR 29158.
