

LSM700 Laser cabin

Workstation with 10 W fiber laser

LSM700 Laser marking system

The new **LSM700 Laser cabin** is the ideal entry into professional laser marking – consisting of a laser marking workstation in a compact size with a 10 W fiber laser. Its asset is the high lifetime. Air-cooling and the abandonment of consumable materials enable a maintenance-free operation and underline the excellent price –performance ratio.

Scope of service

- Incl. integrated touchscreen PC
- Pre-installed marking software
- Compact tabletop cabin of laser protection class 1
- Window with laser safety glass
- Pilot laser for easy setup of layout
- Manual access door with safety switch
- Electr. height extension with measuring scale
- Highest flexibility due to clamping surface with T-nut/slot plates

Optional available:

- Extraction and filter system
- Enlarged marking window 180x180 mm

Software

The Windows-based software provided along with the machine, enables a comfortable setting of each single marking parameter, such as power, speed and frequency. The software supports:

- Text, TrueType fonts
- Variables
- DataMatrix code
- Barcode
- Graphics (inter alia DXF, BMP, PCX, HPGL)

Basic equipment

- Laser source with 2-axes deflection unit and control board
- USB connection
- Networkable
- Lights "Laser active"
- Key switch to activate the laser
- Incl. connector for the extraction and filter system

Compact

Flexible

Marking

Specifications

Power	10 W
Marking window	100 x 100 mm
Wave length	1.060 - 1.085 nm
Pulse frequency	20 - 100 kHz
Operating temperature	0 - 40° C
Cooling	Air-cooled
Dimensions	1.000 x 740 x 940 mm
Energy consumption	approx. 180 W

Applications

- Marking
- Laser engraving
- Laser cutting
- DataMatrix coding and a lot more

Suitable for

- Steel
- Aluminium
- Miscellaneous metal alloys
- Plastics
- Ceramics
- ...



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