TECHNOmark
smart traceability

GX Small

Ultra-compact laser performance

LASER TECHNOLOGY

BENCHTOP USE

COMPACT STATION

REMOTE CONTROL

GRAPHIX.series®

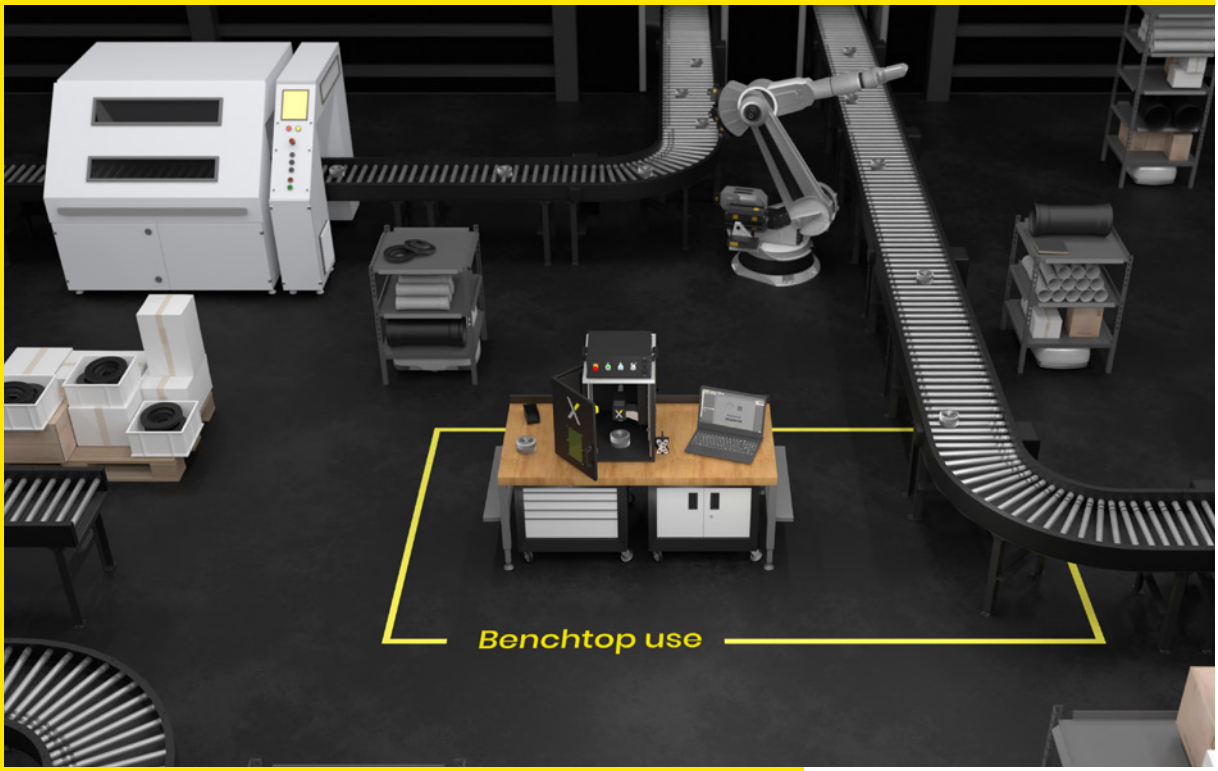
OPTIMIZE YOUR TRACEABILITY

GX Small model

COMPACT STATION

REMOVABLE REMOTE CONTROL

ADVANCED SOFTWARE FEATURES



We have rethought the way we design and develop our products. Today, our marking solutions are the result of direct customer feedback across a wide range of applications.

Benchtop use

1.
Parts to be marked converge towards the marking area.

2.
The machine is placed **on a workbench.**

3.
Marking is done on **small to medium-sized parts.**

Laser
Technology

- **High-intensity, fine-focused laser beam** directed at the part to be marked.
- **Non-contact permanent marking** on all types of surface

MARKING STATION

Suitable for every environment

Small size station
for easy installation

- Compact dimensions: 500 x 582 x 712 mm (controller included)
- Top handles: easy to move the laser station
- Loading area: 325 x 390 mm
- Accessories: rotary axis and fume extractor

Secure station:

- Class 1 fibre laser station
- Anti-laser radiation protective glass
- Secure door interlock prevents exposure to laser beam

L-shaped manual door:

- Ergonomic
- Large opening for easy access to parts :
  - Front: 347 mm
  - Side: 210 mm

Marking head :

- Cross laser pointer for fast & precise focal length adjustment
- 2 window sizes available depending on focal length

160 focal length
100x100 mm

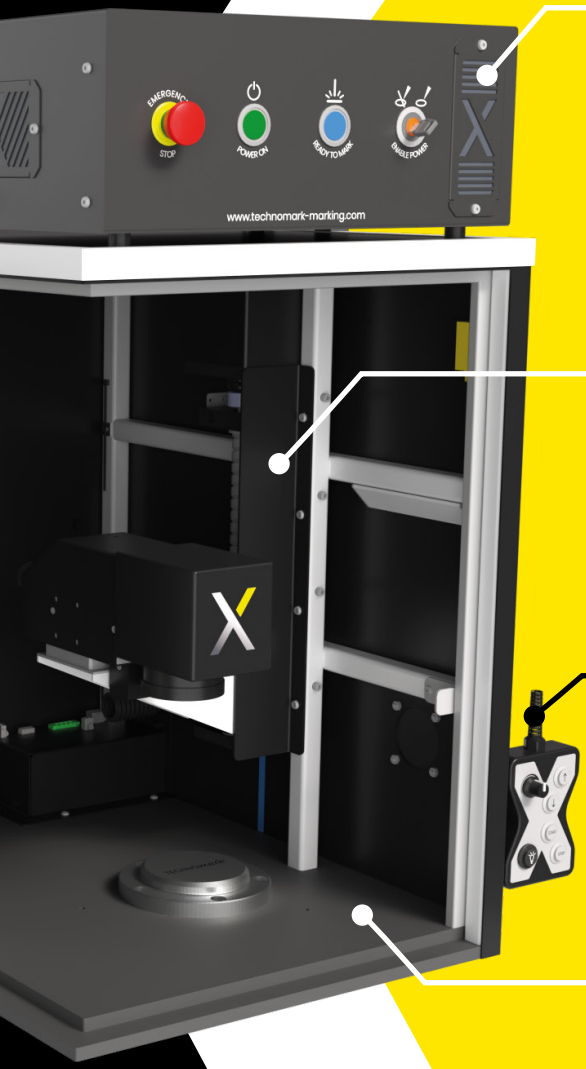
254 focal length
140x140 mm

GRAPHIX.series®

2 power ratings available: 20W and 30W

Illuminated marking area

Marking of small to medium-sized series



Controller:

- Mount on station or close to enclosure with 3m cable length
- Emergency stop button
- Key control to activate marking mode
- Power button
- « Laser operating » and « machine ready to mark » indicators

Z axis:

- Motorised column
- Maximum stroke of 200 mm with the 160 focal length and 85 mm with the 254 focal length
- Operated by remote control

Removable remote control
for optimum use

- Adjustment of Z-axis head height and movement speed
- Start and stop marking
- Internal illumination management

Base plate:

- Material: HDPE (High Density Polyethylene)
- 4 inserts for part clamping (D axis for example)

ROBUSTNESS

Laser station designed with resistant and lightweight materials, compatible with a demanding working environment:

- **Aluminium marking head (2.1 kg)**
- **Aluminium sheet metal controller (8.9 kg)**
- **Aluminium box (18 kg)**

DRIVING SOFTWARE

Performance that meets every need

Advanced Software Features

- Possibility of control from a distance
- Offline file creation
- Recovery of marking data via a SQL or CSV database
- 2 types of profile: supervisor and user
- Marking history
- Marking parameters test mode to obtain the required result easily
- Numerous marking options: alphanumeric, logos, 1D and 2D codes, shapes, images, etc.

Intuitive & easy to use

Available licences

- **« Read & Verify » licence**
  Reading of 1D/2D codes after marking
- **Field network licence**
  Control with Ethernet/IP or Profinet
- **Database licence**
  Import of marking data

NETWORK CONNECTION

- **PC control:**
  - PC connected to the same network as the station
  - File and logo saving on the network
  - Slave control with RS232 and Ethernet TCP/IP
- **Standalone operation:**
  - Ethernet TCP/IP
  - EtherNet/IP or PROFINET field network
  - Backup of files and logos to a shared network folder

« Read & Verify » function

- Camera scanning and validation of 1D and 2D codes after marking
- Guaranteed legibility of the marking
- Reduces the risk of errors

OUR ADDED VALUE

Long-term support

Pre-sale

- FEASIBILITY STUDY
- SAMPLES MARKING
- ON-SITE TESTING
- CUSTOMIZATION

After sales

- HELPLINE
- TRAINING
- SERVICE AND MAINTENANCE CONTRACT
- REPAIR
- LOAN OF EQUIPMENT

TECHNOmark®

smart traceability

47 countries

WORLDWIDE PRESENCE THROUGH OUR DISTRIBUTORS AND 3 SUBSIDIARIES

99%

AVERAGE CUSTOMER SATISFACTION RATE OVER 3 YEARS

23 500

YELLOW MACHINES IN SERVICE WORLDWIDE, ALL TECHNOLOGIES

10%

OF TURNOVER DEDICATED TO R&D

1, allée du développement
42350 La Talaudière - France
+33 (0)4 77 22 25 91
info@technomark-marking.com

www.technomark-marking.com