

LASER MARKING MACHINES

GravoTech Yag100



GRAVOGRAPH
www.gravograph.com

Innovative solution for engraving and marking

GravoTech Yag100

A COMPACT SOLUTION FOR HIGH SPEED MARKING

- **FAST, EXCEPTIONAL MARKING ON METAL, PLASTICS, CERAMICS...**
- **COMPACT YET RUGGED**
- **USER-FRIENDLY, ERGONOMIC MARKING STATION**
- **LOW MAINTENANCE WITH A LONG LIFE**

■ Thanks to excellent YAG beam quality, the **YAG100 laser provides high resolution marking as well as unparalleled marking speed.**

■ **Flexible**, it provides **permanent and reliable marking** on most metals and many plastic components as well as coated materials, ceramics and precious metals.

■ The YAG100 laser technology requires **no consumables** and is internally cooled. No external cooling system is required. Maintenance is dramatically reduced due to the **very long diode lifetime** (>10 000 functioning hours).

■ **Compact**, the YAG100 can be easily located on a desktop. **Ergonomically sound**, it is fitted with a **large counter-balanced door** for easy loading and unloading of parts. The work area accommodates objects up to 250mm (10 inches) tall by 400mm (16 inches) wide.

■ Productivity is optimised due to the **motorised height adjustment and digital positional display, a red alignment laser** to help in part and marking positioning, a **T-slotted table** for easy fixturing, and **internal lighting of the marking area.**

■ The Gravostyle software package, **userfriendly and very intuitive**, makes job creation easier than ever. The advanced functions provide extended capabilities within a few mouse clicks (barcodes, Data Matrix™, pictures, dials, etc.).



■ **Laser:**

- Marking area: Ø from 80 to 200mm (3.14" to 7.87") depending on the F-theta lens selected
- Control unit UC410-Rack 19"

■ **Weight & dimensions: (laser included)**

- Weight: 70kg
- Dimensions WxHxD: 590x820x800mm (23.2x32.2x31.4")
- Maximum part size WxHxD: 400x300x300mm (15.7x11.8x11.8")

■ **Energy & power supply:**

- Power supply: 115/230 V
- Electrical consumption < 800 W

■ **Interface:**

- Engraving software with integrated driver, Gravostyle 5, Graphic level
- O/S: Windows NT, 2000 or XP

■ **Safety & protection:**

- CDRH Class 1
- Conformity to european and USA/Canada standards

■ **Options:**

- Fume and dust extraction systems:
 - Vacuum tube on marking area
 - Fume and dust extractor
- Specific fixtures on request.



CDRH - Class 1 Laser device. Never leave the machine operating unattended.



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