

# YAG100

A máquina de marcar / gravar a laser YAG de altíssima velocidade e rendimento e com a máxima qualidade e robustez.

Possui um ponteiro vermelho p/ indicação precisa do ponto de gravação, c/ simulação.

Concebida p/ marcação / gravação directa, de alta resolução, de metais, ouro, prata, inox e ainda cerâmica, plásticos e outros materiais.

*Ideal p/ gravação directa em metal, como brindes publicitários, personalização, etiquetas, peças industriais etc.*

Área de gravação: até 200mm (diâmetro)

Área de marcação: admite objectos até 250x400mm (LxA)

Novas tecnologias:

- Red pointer (ponteiro indicador)
- Ajustamento motorizado da altura
- Kit de lentes mais potente
- Díodos de longa duração (10.000 Horas)

Opcionais:

- Lentes: kit de lentes mais potentes
- Sistema de exaustão p/ fumos e partículas

LASER MARKING MACHINES

# GravoTech Yag100



**GRAVOGRAPH**  
[www.gravograph.com](http://www.gravograph.com)

*Innovative solutions for engraving and marking*

LASER MARKING MACHINES

# 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.

**GRAVOGRAPH**

Gravograph Industrie International  
B.P. 36 - 56 avenue Jean Jaurès  
F-10601 La Chapelle St Luc cedex  
Tel. +33 3 25 41 65 65  
Email: [information@gravograph.com](mailto:information@gravograph.com)  
[www.gravograph.com](http://www.gravograph.com)