

BENCHTOP MARKING MACHINE

PS3000

The PS3000 is available as pneumatic or electromagnetic

USER-FRIENDLY

With its screen, keyboard and integrated software, PS3000 is completely independent and reduces marking errors.

You can use the machine as soon as you switch it on since it does not require an additional computer. Delivered with a set up CDROM including digital user manual and training video, the machine is easy to install and operate.



ECONOMICAL and ROBUST

Unlike embossing and hand stamp marking, micro-percussion technology requires no additional consumables, making it very cost effective. Moreover, this industrial machine was developed with efficiency and productivity in mind. Hard wearing and robust, it is very easy to maintain.



FAST and FLEXIBLE

The marking tool vibrates quickly and can mark up to 5 characters per second depending on their size. The PS3000 can also mark on parts of different heights: up to 11.8" due to its simple manual Z axis. The single marking tool creates permanent marks that are aesthetic and indelible. The marking can be carried out on all types of material up to a hardness of 62 HRC: treated or untreated metals, plastics, wood etc.



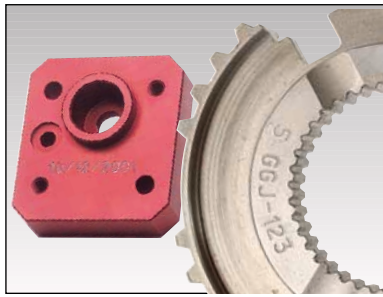
MAIN FUNCTIONS OF THE INTEGRATED STANDARD SOFTWARE

- Creation and back up of marking files (up to 300 files) with external keyboard
- Marking simulation
- Programming of variable data: Date and time, serial numbers, batch numbers and shift codes...
- Linear, angular or radial marking
- Centering, compression, inclination, character spacing
- Special marking (inverted, mirrored or reflected text)
- Geometrical shapes (circles, lines, squares...)
- Password control : To limit access to menus



GRAVOGRAPH
NEW HERMES

APPLICATIONS



Permanent traceability on mechanical parts



Indelible identification of parts (logo marking) to prevent counterfeiting



Marking on cylindrical parts (possibility to add a motorized third axis device)



Keys, locks and tools marking



Tag marking (manual or automatic feeding)



Marking on all types of material up to a hardness of 62 HRC: treated or untreated metals, plastics, wood etc...

TECHNICAL SPECIFICATIONS

Accessories:

- Single tank air filter
- Double tank air filter
- De-oiler air filter
- Sound-reducing name plate holder
- Magnetic clamping device
- Marking tool PN22
- Control panel
- Standard footswitch
- Industrial footswitch
- Bar code reader
- Spare points with different sharpening angles (60°, 90°, 120°)

Environment:

- Electrical supply: 110/240V single phase
- Power: 120 W, frequency: 50 to 60Hz
- Operating temperature: 32 to 113°F
- Compressed air supply (pneumatic version only):
 - Air pressure 5.5 bar nominal / 81 PSI
 - Ø 1/4" pneumatic female gas connector

Characteristics:

- Marking zone: 3.94x3.94" (100x100mm)
- Character size: From 0.04-3.15" (1 to 80mm) in steps of 0.005"
- Available fonts : continuous line and logos, points separated and 5 x 7 matrix
- Height of the part to be marked: up to 11.8" (300mm)
- Dimensions : W = 16.5", D = 10.6", H = 29.1" (420x270x740mm)
- Weight: 62lbs (28kg)
- Standard marking tool : pneumatic PN12 or electromagnetic EM11

Standards complied to:

- Directive "Machinery" 89/392/CEE
- Directive "Electro-magnetic Compatibility" 89/336/CEE
- Low voltage directive "Electrical equipment" 73/23/CEE

