

# High Performance Technology: Micro-Percussion Marking



**PRO-PEN**  
TRACEABILITY • IDENTIFICATION

**P5000**

*Pneumatic  
and Electric  
Versions*

**The New  
Generation  
of Marking  
Solutions**

The principle of micro-percussion marking is based on making indents in the material using a vibrating tool. This technology will not weaken the material to be marked, whatever its thickness may be. All materials, provided they are not harder than 62 HRC, can be marked (metals, treated or untreated, wood and plastics.) This versatile technology offers several distinct benefits:

## 1. ECONOMICAL

Unlike emboss and stamp marking, the technology of micro-percussion requires no additional consumables. It is therefore, the most cost effective marking system available on the market, while ensuring a high level of productivity and marking quality.

## 2. RELIABLE

Due to its ease of use and integrated marking program, PRO-PEN P5000 from Marking Methods, Inc. ensures faultless marking.

## 3. READY TO USE

The machine is delivered with everything required for its immediate use. It is easy to install and operate, due to its user-friendly technical manual and training DVD.

## 4. FAST...Up to 5 characters per second

The marking tool vibrates quickly, from 80 to 300 times per second, depending on its type. It can mark between 1 to 5 characters per second, depending on the size of the characters and the tool used.

## 5. ONE SINGLE TOOL FOR ALL YOUR MARKING

The marking tool creates permanent markings of characters and logos which are clear and precise. It is capable of aesthetic and indelible marking on metals and plastics.



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## 6. SELF-CONTAINED... no PC required.

Due to its screen, keyboard and integrated software application, PRO-PEN P5000 from Marking Methods, Inc. is completely independent. You can use the machine as soon as you switch it on, and it does not require an additional computer. RS232 and Ethernet plugs allow linking with external files. A USB key also allows you to save and transfer files and to update the internal software.

## 7. LOW MAINTENANCE

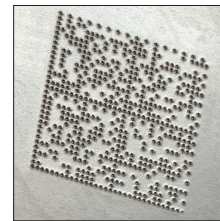
PRO-PEN is an industrial machine developed with efficiency and productivity in mind. Its rugged, reliable mechanism requires little maintenance, and the hard-wearing marking tool will last.

## 8. COMPACT AND MOBILE

The small size and light weight of the PRO-PEN P5000 makes installation in the workshop easy. It can be mounted on a simple workbench. The machine can also be moved from one workshop to another by just one person.

## 9. ADJUSTABLE

The equipment is capable of marking materials of different thickness



from 0 to 12". Ideal for permanent marking of data matrix (IUID) codes required by many government contracts.

## P5000 Electromagnetic Version

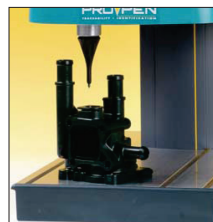
*The two extras:*

## 10. QUIET

Due to its high technology, the electromagnetic marking tool functions quietly and is therefore suited to all working environments.

## 11. SINGLE ENERGY SOURCE

The technology of electromagnetic marking requires only one source of energy: electricity. This makes it easy to install the machine and move it from one workshop to another, requiring only a single electrical supply.



## Wide Application:

- Marking
- Traceability
- Certification
- Identification
- Serial Numbers
- Faultless Marking
- Health & Safety

