<table>
<thead>
<tr>
<th>구분</th>
<th>Propen M3000 (공압식/마그네틱방식)</th>
</tr>
</thead>
<tbody>
<tr>
<td>제조 국가</td>
<td>프랑스 Technifor社</td>
</tr>
<tr>
<td>마킹영역</td>
<td>60×40mm</td>
</tr>
<tr>
<td>사용환경</td>
<td>이동이 자유로운 모바일 타입</td>
</tr>
<tr>
<td>인증마크</td>
<td>CE</td>
</tr>
<tr>
<td>소프트웨어</td>
<td>- 외부PC없이 마킹파일 제작,수정,저장가능</td>
</tr>
<tr>
<td></td>
<td>- 다양한 데이터 마킹 (년, 월, 일, 쉬프트코드, 시리얼넘버 등등)</td>
</tr>
<tr>
<td></td>
<td>- 폰트선택기능 (Continuous 또는 5×7)</td>
</tr>
<tr>
<td></td>
<td>- 글씨크기 1~30mm (0.1mm 단위로 조정가능)</td>
</tr>
<tr>
<td></td>
<td>- 로고선택기능</td>
</tr>
<tr>
<td></td>
<td>- 글씨 장평, 자간, 중앙정렬 기능</td>
</tr>
<tr>
<td></td>
<td>- 글씨를 직선, 사선, 곡선, 좌우뒤집기, 상하뒤집기 등의 기능을 이용 원하는 대로 마킹가능</td>
</tr>
<tr>
<td></td>
<td>- 사용자 로고나 폰트를 다운로드 가능</td>
</tr>
<tr>
<td>통신기능</td>
<td>- 바코드 스캐너에서 데이터 입력 가능</td>
</tr>
<tr>
<td></td>
<td>- 외부 기기 RS232C 데이터 입력 가능</td>
</tr>
<tr>
<td></td>
<td>- 외부 PC 통신 가능</td>
</tr>
<tr>
<td>마킹성능</td>
<td>- 마킹속도를 제어함으로 &quot;고해상도&quot;의 마킹품질 제공</td>
</tr>
<tr>
<td>편리한 시스템</td>
<td>모니터, 소프트웨어, 키보드가 조합된 일체형</td>
</tr>
<tr>
<td>다양한 익선</td>
<td>- PW03 소프트웨어 (외부PC에서 타각기제어 및 사용자 로고, 폰트 다운로드)</td>
</tr>
<tr>
<td></td>
<td>- 평면용 / V Shape 받침대</td>
</tr>
<tr>
<td></td>
<td>- 추가 배터리</td>
</tr>
<tr>
<td></td>
<td>- 급속 충전기</td>
</tr>
<tr>
<td>크기 및 무게</td>
<td>350×240×200mm, 4.5Kg</td>
</tr>
<tr>
<td>전압조건</td>
<td>115 또는 240VAC / 24VDC, 50 ~ 60Hz</td>
</tr>
<tr>
<td>소비전력</td>
<td>80 Watts</td>
</tr>
<tr>
<td>사용온도</td>
<td>5 ~ 40°C</td>
</tr>
<tr>
<td>배터리 사용시간</td>
<td>계속 마킹시 1시간 사용 / 급속 충전시 1시간 완충</td>
</tr>
</tbody>
</table>
TECHNICAL INFORMATION

Micro-percussion marking
The principle of micro-percussion marking is based on indenting the material with an oscillating stylus. Micro-percussion marking can be carried out on all types of material up to a hardness of 60 HRC: treated or untreated metals, plastics, wood...

Technical description
- Electromagnetic marking tool EM 11 with tungsten carbide point
- 105 AT PC keyboard
- Battery pack with rapid charger allowing operation up to 45min, with a 1 hour recharge time
- Dimensions (without handle): l=350mm, w=240mm, h=200mm
- Weight: 4.5kg

Marking possibilities
- Marking zone: 60x40 mm
- Character size: From 1 to 30mm (increasing every 0.1mm)
- Available fonts and logos: point separated or 5x7 matrix, CE mark
- Linear, angular or radial with options to invert, mirror or reflect text

Functions of the software
- To create and save marking files (up to 500 files) with external keyboard
- Ability to mark with mini integrated keypad
- Marking simulation
- Centring, compression, inclination, character spacing
- Programming of variable data: Date and time (date, time, week), incrementing serial numbers, batch numbers and shift codes...

Environment
- Electric supply 24V DC +/- 10%. supplied with the machine:
  - Either waterproof supply 230V AC / 24V DC - 3A
  - Or waterproof supply 115V AC / 24V DC - 3A
- Power of the marking gun: 80 W
- Operating temperature: from 5 to 40°C.

Standards complied to

Optional extras
- Spare batteries and rapid chargers
- PW03 Program under Windows® + RS 232 cable allows the downloading of marking files which have been created on a PC
- Flat or V-shaped attachments for locating machine

*Windows is a trade mark of MICROSOFT Corp. USA.
ERGONOMIC and EASY TO USE

READY TO USE:
The M3000 marking gun comes supplied with a battery pack and can be used immediately. Its clearly illustrated CD-ROM manual makes the M3000 simple to use.

USER-FRIENDLY:
The integrated marking software is very easy to program and adapt to your marking requirements. Its simplicity allows many operators to use the equipment without in-depth training.

ERGONOMIC:
Its ergonomic design makes the M3000 suitable for left and right-handed people. A balancing hook is also designed as standard.

LOW COST

LOW MAINTENANCE:
The robust and reliable mechanics of the M3000 marking gun requires little maintenance.

COST EFFECTIVE:
Compared to other marking technologies, the M3000 requires no additional consumables. It is therefore the most cost effective marking system to run.

TOTALLY MOBILE

INDEPENDENT:
The M3000 does not require a PC. The M3000 marking gun is equipped with a screen, keyboard, and integrated software, making it totally independent. Plug-in the keyboard, program your file and mark your product!

OPTIONAL POWER SUPPLY:
The M3000 is powered by a Ni-Cd battery. Alternatively, the M3000 can be powered directly from the mains supply if required.

ENTIRELY MOBILE:
Because the electronics are fully integrated within the M3000, the unit is self-contained, and therefore allows the operator to select and mark programs anywhere in the workplace.

VERSATILE

WIDE RANGE OF APPLICATIONS:
Its multi-purpose tooling allows horizontal or vertical marking. Moreover, customised tooling can easily be designed and fitted to the M3000 to adapt it to all your components.

A LARGE DIVERSITY OF PARTS:
The machine allows the marking of parts with different surfaces: cast or machined surfaces, flat, concave, convex or circular.

ONLY ONE MARKING TOOL:
The same marking tool gives permanent and indelible mark on metals, plastics, grp, wood or other materials.
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For the identification and traceability of parts which are large, heavy, or in areas difficult to reach.