

# PORTABLE MARKING UNIT **M120**

**For complete mobility, the M120 marking unit integrates the software and electronics.**

The M120 is an extremely economical solution for your traceability and identification needs.

## **SELF CONTAINED**

By simply connecting a keyboard, a user can rapidly compose marking files with the help of a user-friendly and intuitive graphic interface.



## **MOBILE**

A portable battery pack allows the user to move around freely. The built-in mini-keyboard and LCD screen allow the operator to quickly select, preview and mark the pre-programmed files.



## **ERGONOMIC**

Ambidextrous, well-balanced design facilitates marking in any position. Combined with its docking station (optional), the M120 becomes a benchtop machine, perfect for marking smaller parts (tools, identification plates).



## **PERMANENT MARKING**

Marking by Micro-Percussion is indelible and impossible to counterfeit, no labels to fall off, no ink to rub off. In addition, no consumables makes the M120 more cost-effective.



## **CONNECTIVITY**

The M120 accepts variable data from bar code readers, inventory control systems or any RS232 device. A PC running Technifor's Windows software can also be connected for print preview, file management or logo downloads.



## **MARKING POSSIBILITIES**

- Marking zone: 2.35x1.5" (60x40mm)
- Characters height: From 1 to 30mm in steps of 0.1mm
- Calculation of variables required for traceability:  
Date and time, serial numbers, batch numbers and shift codes
- Management of the text style:
  - Choice of character font: continuous line or 5x7
  - Compression, spacing and automatic centering of the characters,
  - Linear, angular, radial, inclined, inverted and mirrored marking
- 2 user-levels are available:
  - *Supervisor*: for the creation of the marking files,
  - *Operator*: for the running the M120



A MARK WHICH DEFIES TIME

# APPLICATIONS



*Permanent traceability on all types of metal or plastic.*



*Identification of fixed assets.*



*Identification of products to prevent counterfeiting.*



*Indelible registration of products on leasing contracts  
(modular storage units, tools, scaffolding...).*



*Marking of bulky parts (beams, tanks, vats, trailers).*



*Location of storage and filing areas (trays, shelving...).*

# TECHNICAL SPECIFICATIONS

## Physical characteristics:

- Dimensions (without handles):  
l= 13.8" / w= 9.5" / h= 7.9"
- Weight: 10lbs (4.5 Kg)
- Electromagnetic marking tool
- 105 AT keyboard
- Battery pack provides up to 1 hour of continuous marking
- Rapid charger recharges battery in 1 hour

## Standards complied to:

- Directive "Machinery" 98/37/CE.
- Directive "Electro-magnetic Compatibility" 89/336/CEE
- Low voltage directive "Electrical equipment " 73/23/CEE

## Accessories:

- Windows® based software with enhanced features such as print preview, file management, logo download.
- Specific Flat or V-shaped attachments for locating M120 on your parts.
- Spare batteries and rapid chargers.

## Environment:

- Electric supply: 24V DC
  - waterproof 115VAC/24VDC power supply included
  - 24VDC battery pack included
- Consumption: 80W
- Operating temperature: from 40° to 105° F



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