TECHNO Mark
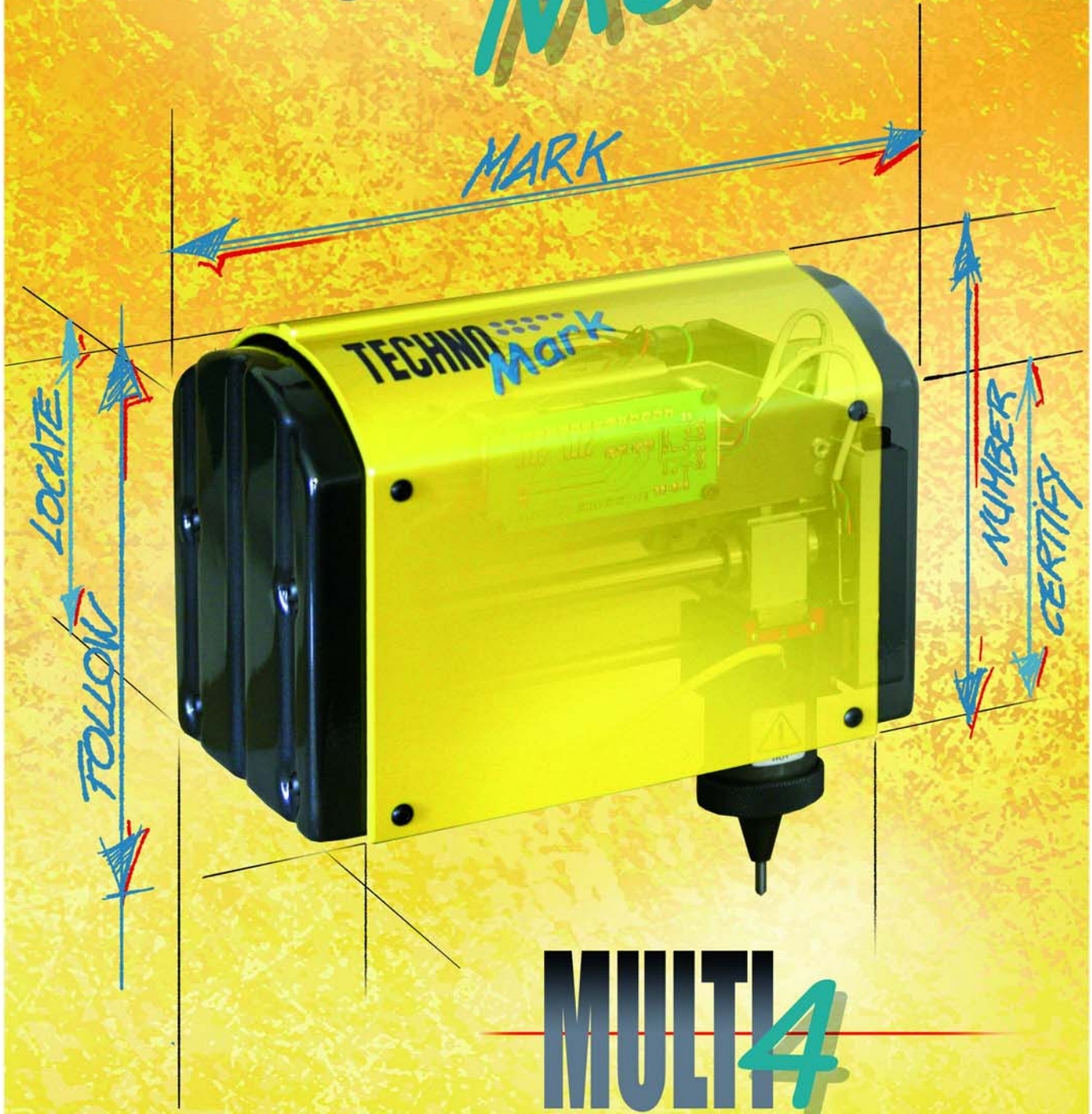
MARK

LOCATE

FOLLOW

NUMBER

CERTIFY

MULTI4

MODULAR & INTELLIGENT MARKING

TECHNOMark

MULTI4

YESTERDAY

1999

TECHNOMark creates the 4 in 1 concept by designing MULTI4, the first ever modular marking tool.
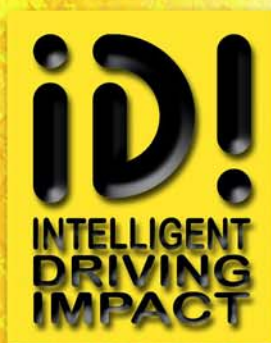1 single machine and 4 different possible configurations.

2004 :

For successful increase in MULTI4 sales,

TECHNOMark was awarded with the 2004 Classe-export Trophy for the best export growth for the last 3 years.

Trophy for the best export growth
CLASSE EXPORT
2004

TODAY

TECHNOMark offers a new generation MULTI4 with the exclusive IDI* function.
This unique function provides more consistent marks and repeatable depth for flat and uneven surfaces.
IDI also helps eliminate unnecessary maintenance procedures.

* International Patent Application PCT/FR2006/001246

¡iD! INTELLIGENT DRIVING IMPACT

TECHNOMARK NO IDI
TECHNOMARK & IDI

TECHNO Mark

**THE REVOLUTION
IN THE WORLD OF MARKING
WITH THE 4 in 1 CONCEPT**

MARKING

Permanent marking

READING

Data Matrix codes and characters
(OCR, OCRA...) reading

INTEGRATION

Complete marking station
designed by **TECHNO Mark**

MULTI4 INTEGRATED MODEL

MULTI4

4 in 1
A WINNI...
CONCE...

COMPACT
Easy to integrate into your production lines

ADAPTABLE
May be controlled by an external system using a RS 232, I/0 or ethernet connection

HIGHLY PRODUCTIVE
Marks several characters per second

RELIABLE
Industrial design incorporating high quality components

MULTI4 HAND HELD GUN

FULLY PORTABLE
A handheld, programmable marking unit (battery mode optional)

LIGHT AND EASY TO HANDLE
It works in all positions

ROBUST AND COMPACT
The MULTI4 gun can be used in workshops as well as outdoors to mark small, medium and large pieces

ECONOMICAL
Low operating and maintenance costs

| Rotary D axis | Bar end tool | Automatic plate feeder | iD! INTELLIGENT DRIVING IMPACT |

4 in 1 WINNING CONCEPT

MULTI4 COMBO

MULTI-PURPOSE
The same tool can be used to mark the smallest as well as the largest pieces

FLEXIBLE
Only a few seconds to change from a bench top to a handheld marking gun

EASY TO USE
User friendly, fast and easy to use

EASY TO UPGRADE
Optional accessories increase functionnality of the marking system

Conversion time < 10 seconds without any tool

MULTI4 BENCH TOP MODEL

PRECISE
Easy to read, high quality permanent marking

EFFECTIVE
For small and medium sized pieces, whether a single part or for mass production

EASY TO USE
User-friendly software. Enter the required marking data in seconds

SECURE
Marking layouts stored in internal memory with optional backup software

Multi 4 sensor (3 axis)
Automatic parts detection

TECHNOMark

DOT PEEN MARKING

is a leader in electro-mechanical dot peen marking technology. This technology is based on forming individual dots (spherical recesses) with a carbide stylus incorporating low stress point geometries. Parts up to 63Rc can be permanently marked. Carbon steel, alloy steel, stainless steel, aluminium, nickel alloys, brass, copper and many other materials can be successfully marked with this marking method.

SCRIBING*

offers scribing solutions as well. This technology is based on dragging the carbide or diamond stylus through the material to form highly readable, continuous line characters. This solution is ideal in situations where marking impact noise is an issue or where highly defined characters are required.

* Available in BENCH TOP and INTEGRATOR VERSIONS ONLY.

MULTI4 TECHNICAL FEATURES

MARKING WINDOWS (inches)	MARKING HEAD L x W x H (inches)	WEIGHT (lbs)
Standard 120 4.72" x 2.36"	8.70" x 4.96" x 8.40"	9.70
Compact 50 1.96" x 2.36"	5.94" x 4.96" x 8.40"	8.37
Large 200 7.87" x 2.36"	11.85" x 4.96" x 8.40"	11.46
Extra large 250 9.84" x 9.84"	14.17" x 14.96" x 8.66"	20.90

CONTROL BOX

AC POWER	12" x 11.41" x 7.28"	6.6
BATTERY POWER	12" x 11.41" x 7.28"	9.2

SOFTWARE CAPACITY
- Alpha-numeric marking
- Programmable character size
- Discrete dot marking or continuous line fonts
- OCR and OCRA font
- Marking at angles, circular, straight line, mirror and italic marking

- iD! Intelligent Driving Impact
- Serial numbers, dates, time programming
- Storage capacity : 4 000 files
- High-definition graphic view with zoom functions
- Easy shift function

OPTIONAL SOFTWARE :
- **TECHNOLOG** : Logos creation
- **TECHNOPROD** : Production follow-up
- **TECHNOSAVE** : File transfer
- **TECHNOWINDOWS** : Operates with Windows operating system

Convenient !
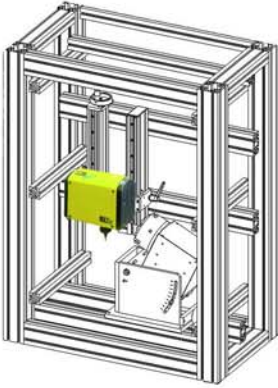Quick installation
of the battery pack

Transport trolley

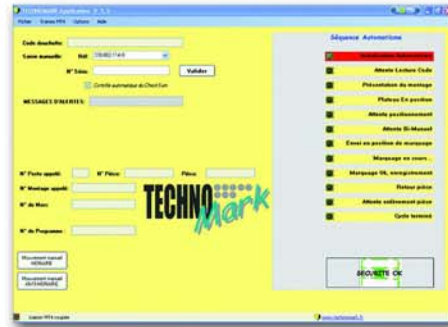Clever !
Quick adjustment
"QUICK SHIFT"

TURNKEY SOLUTIONS

Our experienced design department offers complete tracking solutions (Integration of hardware and software)

Complete workstation with
MULTI4 integrator and
angled rotary axis

Custom Windows based
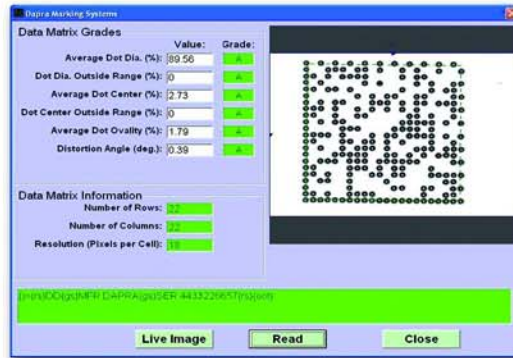marking software
created to customer requirements

READING SOLUTIONS

TECHNOMARK offers a complete range of reading and verification systems

Reading on a cylindrical part

Data Matrix verification software

Bluetooth / wired
Data Matrix reader

Fixed position
verifier

Handheld verifier
for AIM DPM

Every day, all day, all around the world*, a **MULTI4** marking machine is operating.

CUSTOMER SERVICE

DAPRA® 's team is available to satisfy each of your requirement :

PRE-SALES SERVICE :
- Free sample marking
- Feasibility study
- Demonstration available on-site

AFTER-SALES SERVICE :
- Phone assistance
- Maintenance and repairs
- Servicing on site
- Product training adapted to your needs
- Equipment rental…

* Several thousand **TECHNOMark** marking machine are currently in use on all 5 continents.

OUR CUSTOMERS ARE OUR BEST ADVERTISING :

The **MULTI4** marking machine has been so successful that major industrial groups rely on TECHNOMARK'S marking technology to meet all their marking needs.

TECHNOMark 's know-how - including patented modular and intelligent marking systems - is currently used in many different industries

- Automotive
- Aerospace
- Defense
- Nuclear energy
- Machine shops
- Electronics
- Food processing
- Medical Instrument / Implants
- Pharmaceutical
- Petroleum

ENVIRONMENT :

Electrical power 90 to 240 V
Battery power 24 V
Power 200 W
Frequency 50 to 60 Hz
Usage temperature 32 to 115° F (0 to 45° C)

STANDARDS :

Machinery directives : 98/392/CEE
Electro-magnetic
Compatibility : 89/336/CEE
Low voltage directives : 73/23/CEE
FCC directive - chapter 15

Each product manufactured by **TECHNOMark** is inspected to strict quality control.

DAPRA
MARKING SYSTEMS

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