

MACHINES



Specific front-end support



Maintenance kit



Barcode reader



Hook and balancing system



Column / plate holder



e-mark carrying case



2x18v Li-ion batteries +
charger for e-mark

APPLICATIONS



Chassis frame side rail marking



Engine marking



Pipes marking

Mark today
Identify tomorrow



SIC MARKING, THE MARKING SOLUTIONS LEADER

SIC Marking is an international company dedicated to the development of permanent marking solutions & automated identification for complete traceability of industrial components.

SIC Marking has developed a full range of exclusive marking machines - dot-peen, scribing & laser technologies - and services.

SIC MARKING, A WORLDWIDE NETWORK
40 DISTRIBUTORS AND 5 SUBSIDIARIES

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SIC Marking® ACTIVITIES

PERMANENT
MARKING



CONVENTIONAL
MARKING



DOT PEEN



SCRIBING



LASER

INDUSTRIAL
VISION



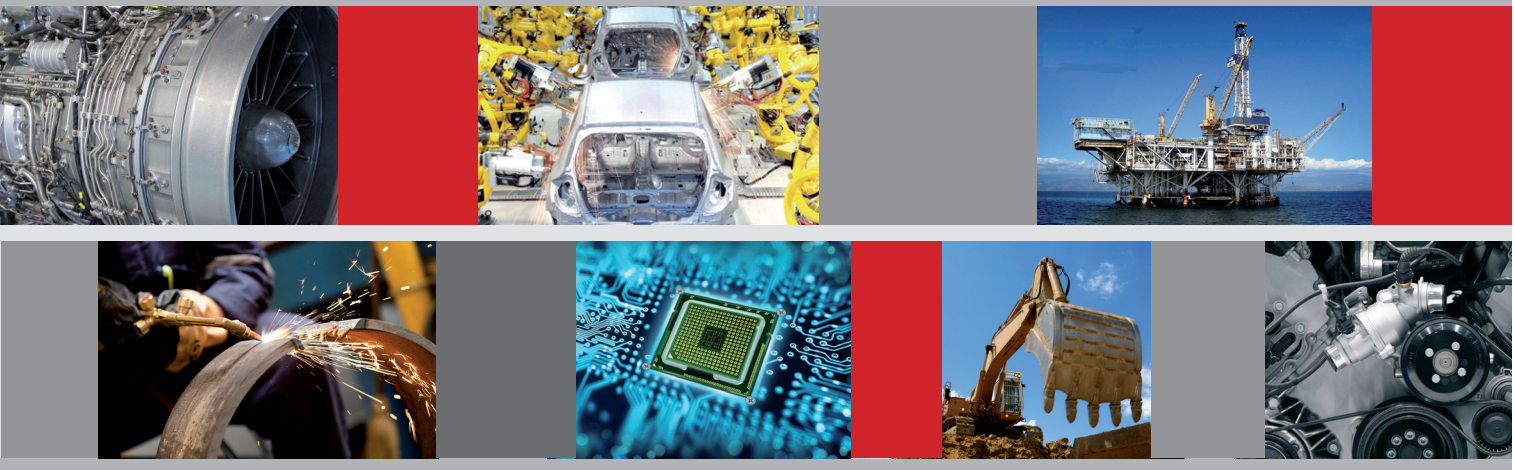
INDUSTRIAL
VISION

TURNKEY
SOLUTIONS



TURNKEY
SOLUTIONS

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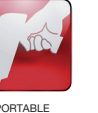


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PORTABLE SYSTEMS

Economical marking units



e1 RANGE

e1-p63c
e1-p123
e-mark



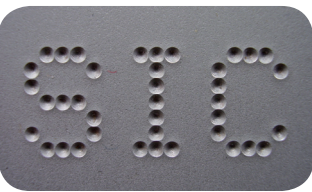


DOT PEEN TECHNOLOGY : FAST MARKING ON ALL MATERIALS !

Dot peen marking is achieved by a controlled electromagnetic pulse striking a carbide or diamond stylus assembly against the surface of the part to mark.

This type of marking (text, digits, logo) is made of a succession of dots. Each dot is created by the impact of the stylus on the surface. The force is given by a controlled current pulse through an electromagnet, in order to push the magnet toward the surface. A spring returns the stylus assembly to the start position, waiting for the next pulse. Frequency can vary depending on the force selected and the speed of X and Y axis movements.

SIC Marking dot peen technology is unique by the fact that the electrical current is measured between each pulse in order to control the impact consistency.



PORTABLE SYSTEMS

The portable range is made of the portable range is a lightweight, mobile and robust marking system ideal for marking heavy or bulky parts. The column-mounted range is especially designed for marking almost all type of parts (small or medium size) directly on a workbench.

These high speed and powerfull marking systems can mark on all types of material, from plastics to hardened steel -62 Hrc- with a constant quality and accuracy.

The ownership and operational costs are very low, no consumables are required.

HIGHLIGHTS

■ Robust and reliable

- Designed for industrial environment
- Cast aluminum body

■ Simple and user-friendly

- Lightweight
- Mobile, ergonomic, and versatile
- Simple programming

■ Wide range of options

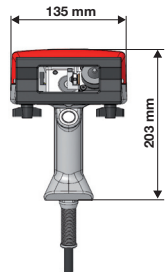
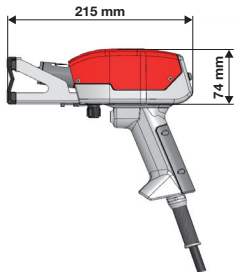
■ High performances

- 100% electromagnetic technology
- Constant precision and quality
- High speed marking
- Powerful integrated software
- Marking of heavy or bulky parts, up to 62HRC

■ Low cost of ownership

- Low initial investment
- Reduced maintenance
- No consumables

p63c

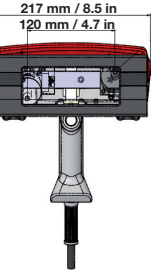
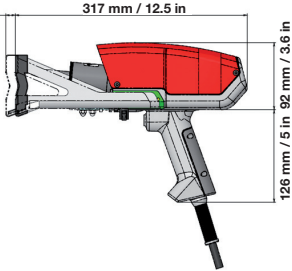


marking window - 60 x 25 mm / 2.4 x 1.6 in

■ ADVANTAGES OF e1 p63c.....

- LIGHT AND COMPACT
- Only 2.6 kg/ 7.71 lbs
- Robust cast aluminum body and handle
- Carrying case
- e1 intuitive software

p123

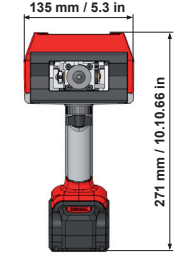
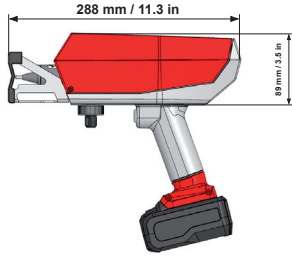


marking window - 120 x 40 mm / 4.7 x 1.6 in

■ ADVANTAGES OF e1 p123.....

- WIDE MARKING WINDOW
- Robust cast aluminum body and handle
- Stainless steel spring strain relief cable protection
- V-grooved front plate with automatic settings for stylus/part distance
- e1 intuitive software

e-mark



marking window - 60 x 25 mm / 2.4 x 1.6 in

■ ADVANTAGES OF e-mark.....

- CORDLESS MARKING SYSTEM
- Ease of use & well-balanced
- Ergonomic handle
- Light weight (3.2 kg / 7.05 lbs battery included)
- Carrying case, charger + 2 x batteries
- e1 intuitive software

MECHANICAL TECHNICAL FEATURES

	e1 p63c	e1 p123	e-mark
Marking window	60 x 25 mm / 2.4 x 1 inches	120x40 mm/ 4.7 x1.6 inches 120x25 mm / 4.7 x 1 inches (optional)	60 x 25 mm / 2.4 x 1 inches
Weight	2,6 kg / 5.7 lbs	3.7 kg / 8.1 lbs	3.2 kg / 7.05 Lbs
Stylus	Carbide		
Positionning	V-groove front plate		
Robotic cable	3 m / 9.8 ft (up to 15m / 49 ft in option)		-
Maximum part height	260 mm with optinal column		-
Rotary D axis (option)	For parts up to 150 mm / 5.9 in diameter and 3 kg / 6.6 lbs		-



Characteristics

- Color screen
- Reduced size
- USB port for simple transfer of marking files
- Fully programmable, easy to use software
- All marking types (DataMatrix, angular, circular, alphanumeric, logos etc.)
- Industrial membrane keyboard
- Fully enclosed controller : no openings or fans



■ Color screen



■ USB port



■ Ergonomic handle



■ Carrying case except p123

ELECTRONIC TECHNICAL FEATURES

	e1
Dimensions (d x l x h)	301 x 121 x 87 mm
Weight	2 kg
LCD screen	95 x 54 mm/ 3.74 x 2.12 inches
Keyboard	49 touches, protection par membrane
Power	100 Watt
Power supply	100-240 Vac, 50-60 Hz
SOFTWARE	
Memory	>100 Mo
Variable	Serial number, date coding, barcode, alphanumeric
Logos	Download from PC or USB
Fonts	4x6, Arial, Comic, Comic_B, Courier, OCR, OCR_BOLD, OCRA
Style	Angular, radial, linear, datamatrix, logo
Character size	From 1 mm / 0.03 inches to 99 mm / 4 inches (restricted by marking window size)
Impact force	9 adjustable levels
Depth	Up to 0.3 mm / 0.012 inches (depending on material marked)
Resolution between dots	0.05 mm / 0.012 inches
Password	1 security level
COMMUNICATION	
Ports	USB
Inputs/Outputs	Jack
PC based software	Backups, logo creation and transfer