

Integrable marking machine

Large marking window (100 x 100mm).

USAGE: ideal solution for the marking of metal and plastic parts, of various shapes and surface conditions.

(automobile, mechanical, cast, electromechanical, ...)

ENVIRONMENT: conceived for industrial integration

- on production lines,
- in automatic or semi-automatic assembly or test stations.

HIGH PERFORMANCE

- Up to 6 characters per second.
- Characters from 0.5 to 99mm in height in steps of 0.1mm.
- "High definition" marking quality adjustable according to required marking speed.

INTEGRATED SOFTWARE FEATURES

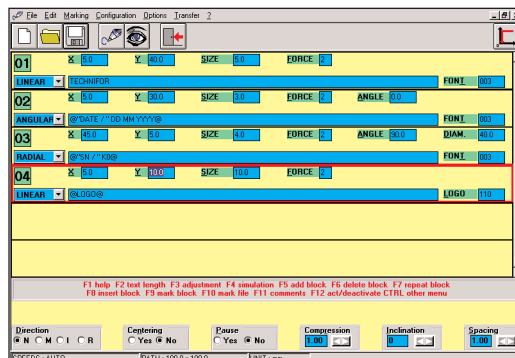
- Create / Modify / Save marking data.
- Management of 6 Input / 2 Output board.
- Calculation of variable data: date codes (several formats available), shift codes, serial numbers.
- Management of text style:
 - Choice of fonts (standard, OCR, 5x7, ...),
 - Choice of logos,
 - Compression, spacing, automatic centering.
 - Linear marking, angular, radial, inclination, inverted, mirrored.
- Downloading of custom fonts and logos.

SIMPLIFIED INDUSTRIAL INTEGRATION

- **User-friendly integrates software:**
The internal software permits independent operation of the UC112 (no need for an external PC or PLC to program the control unit).
- **Control of the marking head by:**
 - File select from the memory of the UC112 by activation of inputs.
 - Control unit in independent mode.
 - PLC or other information system, via RS232 link.
- **Easy to mount:**
 - Simple attachment: 2 M8 mounting holes.
 - 2 Ø8H8 positioning holes.



CHR211 height adjustment system

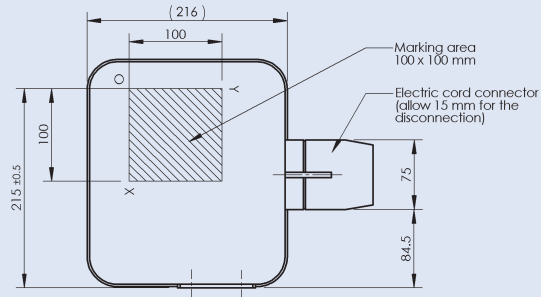
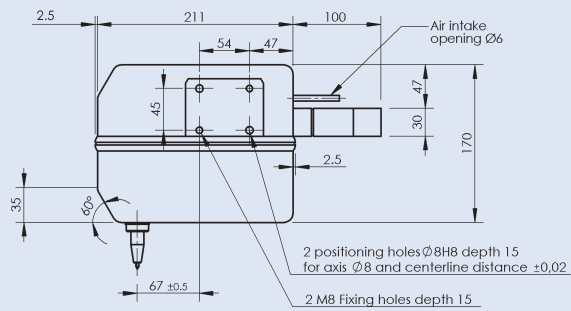
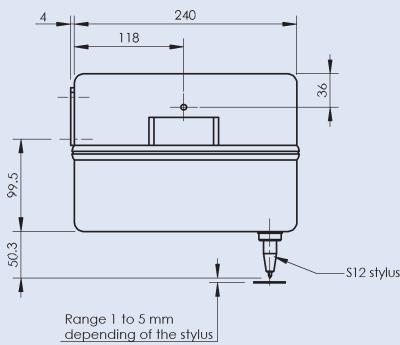



T101W Windows[®] marking software



Column

TECHNICAL SPECIFICATIONS



CN212SP		
Unit : mm	15/10/02	fpe
	TEC00025	A

Environment:

- Dimensions (L x h x w): 240 x 211 x 172 mm (without stylus)
- Weight: 8 Kg
- Air supply: operating pressure from 5,5 to 8 bars, (6 bars nominal) with Ø 6 mm pneumatic fitting.
- Consumption: 0.4 to 0.7 NI / character, Max: 3 SCFM.
- Operating temperature: +5 to +45 °C (+41 to +113 °F).

Accessories/Adaptations:

- Extended stylus.
- Extended amplitude stylus.
- 3m Head/UC cord (standard), 6m, 10m or 15m.
- Height adjustment system (± 22 mm).
- Flat or V-shaped with handle for portable version.
- Column.
- Start marking foot pedal.
- 230 V AC / 24 V DC - 110W power supply.
- 115 V AC / 24 V DC - 110W power supply.

Options:

- Downloading of fonts and logos (HPGL).
- T101W Windows® marking software.
- UC112 to PC file transfer software.
- External data input (UCBARCODE).
- Data Matrix® 2D code.
- 19" 4U Rack mount face plate for UC112.

UC112 control unit

- Dimensions (lxhwxw) without connectors: 270x117,3x135,5mm
- Weight: 3.2 Kg
- Electrical supply: 24 VDC ±10%
- Consumption: 110 W
- Memory capacity: 51 Kb
- Data input by:
 - 105 key AT external keyboard (supplied with UC112).
 - PC using T101W Windows® software.
 - PLC via RS232 link (DB9 connector).
 - Other information systems via RS232 link.
 - Bar code readers via RS232 link (optional).
- File selection from memory:
 - by 105 key AT keyboard.
 - by 6I / 2O (on DB25 connector).
 - by RS232 connection.
- Communication interface (DB25 connector)
 - Start of marking.
 - End of cycle.
 - Reset.
 - Machine ready (in independent mode).

Norms:

- Directive "Machine" 89/392/CEE.
- Directive "Electromagnetic compatibility" 89/336/CEE.
- Directive low voltage "Electric devices" 73/23/CEE.
- Complies with Part 15 of the FCC rules.



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