



## Main features

### Printing type



Barcode



Logos



Alphanumeric text

### Maximum height



0-15 mm



16-100 mm



Above 100 mm

### Printing surfaces



Primary packaging



Secondary packaging



Raw material

- Coding on every type of substrate.
- Stainless steel structure AISI 304 with a large keyboard for industrial use with a membrane panel which can also be used in very harsh environments.
- Independent management of either one 16 or up to two 7 dots printheads.
- High speed solenoid technology.
- Simply interface use for operator and connection directly with the most frequently used industrial devices.

# Z303

## TECHNICAL SPECIFICATIONS

### PRINTING CHARACTERISTICS

- Management of one 16 or two 7 dots printheads
- Up to two lines of print
- Print height from 5 to 60 mm (0,20" - 2,37")
- Line speed capability: up to 180 mt/min (591 ft/min)
- Printing rate: up to 266 ct/sec
- 100 messages storage per head
- 80 characters for each message
- Selectable lines vertical gap
- Available font: 5x5, 7x5, 9x7, 16x10
- Bold factor: up to 5 times
- Logos creation from keyboard
- Up to 26 different logos storage
- Automatic calendar and expiration date print
- Incrementing/decreasing products counter up to 9 digits
- Repeat print - message function
- Printing in all moving directions
- Tower print function (text rotation of 90°)
- Coding throw distance up to 35 mm (1,37")

### CONSTRUCTION CHARACTERISTICS

- Membrane panel solvent resistant
- Backlit alphanumeric display
- Stainless steel structure AISI 304
- Printhead-console distance: up to 10 mt (33 ft)

### GENERAL FEATURES

- Print parameters stored in the messages
- Report function for executed printing counter
- Help button for texts editing
- Keypad access with password
- Operator selectable foreign language prompts

### PRINT HEAD

- High speed solenoid technology
- Ink options to include: Rapid dry and high adhesion inks
- Stainless nozzle plate AISI 304
- Stainless steel structure AISI 304
- Dimensions printhead 7 dots: 230 mm x 80 mm x 45 mm (9,0" x 3,1" x 1,8")
- Dimensions printhead 16 dots: 230 mm x 80 mm x 85 mm (9,0" x 3,1" x 3,3")

### EXTERNAL CONNECTIONS

- Serial connection: RS232, RS422 or RS485
- Sensor management for product detection
- Parallel interface BCD
- Shaft encoder input for variable speed production lines
- External alarm output

### ENVIRONMENT/ELECTRICAL REQUIREMENTS

- Temperature: 0° - 50°C (32° - 122°F)
- Humidity: 0 - 90% (non-condensing)
- Single phase, 85 - 240 Vac, 50 - 60 Hz, 200 VA



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