



## 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

- ▶ Online user manual with contextual photos and videos and multilanguage menus and keyboards.
- ▶ Stainless steel structure AISI 304 with full colour 7" touch screen panel.
- ▶ Independent management of either one 16 or up to two 7 dots high speed solenoid printheads.
- ▶ Remote single nozzle control and adjustment.
- ▶ ORKESTRA revolutionary management software with customizable user interface for single operator.



### PRINTING CHARACTERISTICS

- Management of one 16 or up to two 7 dots printheads
- Up to two printing lines
- 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
- Up to 6800 stroke per message
- Messages and logos storage: up to 4GB with expandable micro SD memory
- Fixed and variable text fields types (with operator, automatic or external)
- Available fonts: 5x4, 5x5, 7x4, 7x5, 9x7, 10x8, 16x10 and TrueType
- Logos, shapes and lines easy and quick creation through touch-screen display
- Automatic date, time, offsets and expiry date multifunction
- Incrementing/decreasing alphanumeric products counter up to 9 digits
- Metric repeat print-message function
- Customizable message repeat with single print start
- Field orientation: 0°, 90°, 180°, 270°
- Print with text rotation angle
- Coding throw distance up to 35 mm (1,37")

### BARCODES

- 2/5 Industrial, UPC-A, CODE 39, EAN 13

### CONTROL UNIT CHARACTERISTICS

- 7" TFT full color anti-reflection high contrast LED touch-screen
- Stainless steel structure AISI 304
- Printhead-console distance: up to 10 mt (33 ft)
- Support on rubber feet or optional stainless steel structure AISI 304

### GENERAL FEATURES

- Exclusive customizable user interface for single operator (functionality, language and alphabets)
- Intuitive user interface with graphic icons
- Innovative graphic editor with stretch and drag & drop
- User interface and virtual keyboard with foreign languages and alphabets
- Purge and calibration per single nozzle
- Message storage with file name
- Print parameters storage in the messages
- Message dimension check before print
- Multi-level access with login
- Real time throughput counter
- Online help and user manual with contextual photos and videos

### PRINthead

- 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 3,15" x 1,80")
- Dimensions printhead 16 dots: 230 mm x 80 mm x 85 mm (9,0" x 3,15" x 3,35")

### EXTERNAL CONNECTIONS

- Serial connection RS232
- Ethernet interface for LAN 10/100 connection
- USB port version 2.0
- Sensor management for product reading
- Shaft Encoder input for variable speed production lines
- External alarm outputs for low ink level
- Parallel interface BCD, 6 bit

### ENVIRONMENT/ELECTRICAL REQUIREMENTS

- Temperature: 0° - 50°C (32° - 122°F)
- Humidity: 0 - 90% (non-condensing)
- Single phase, 85 - 240 Vac, 50 - 60 Hz, 175 VA

