

Z640



- ▶ Unrivaled 12,1" touch screen panel with SVGA TFT-LCD (800x600) colour display
- ▶ Suitable to drive simultaneously up to two ultra HI-DEF printheads either 102mm (4") or 50mm (2")
 - ▶ Total package coding with 102mm tall single piezoelectric printhead
- ▶ Ultimate electronics with integrated and shock resistant 2,5" SSD (Solid State Disk) technology
 - ▶ New DotNet programming software for an easy integration with advanced network management software
 - ▶ High contrast patented inks (solvent free) for 100% scannable bar codes
- ▶ Innovative printhead heater system ensures optimum performance in arduous industrial environments



Technical specifications

Z640

Printing Features

Drives simultaneously up to 2 printheads either 102mm (4") type (T768) or 50mm (2") type (T384)
 Line speed capability: up to 90 mt/min (295 ft/min)
 Available fonts: all Windows True Type
 Bold factor: up to 6 times
 High quality graphic images printing
 Message storage: up to 3GB on FLASH memory disk
 Automatic date, time, offsets and expiry date multifunctions
 Basic shape drawing
 Incrementing/decreasing product counters up to 9 digits
 Repeat print - message function
 Printing in all moving directions
 Fixed and variable text field types

Bar Codes

2/5 Industrial • UPC-A • CODE 39 • CODE 93 • EAN 13 & EAN 8
 • UCC/EAN-128 • CODE 128 • ITF (A,B,C)
 • 2D - Data Matrix • Others available on request

Construction characteristics

Stainless Steel structure AISI 304 - IP54 rating
 Printing head - console distance: up to 5 mt (16,4 ft)

General Features

Easy message creation through an advanced editor
 Intuitive, graphical user interface with a 12,1" SVGA full colour touch-screen panel
 Print parameters stored within each message
 Report function for executed printing counter
 Automatic printing cost calculation
 Operator Multi - Level password access
 Operator selectable foreign language prompts
 Communication to advanced management software
 Windows XP Embedded operative system
 Fanless native 1GHZ microprocessor with 1GB RAM storage

Printhead

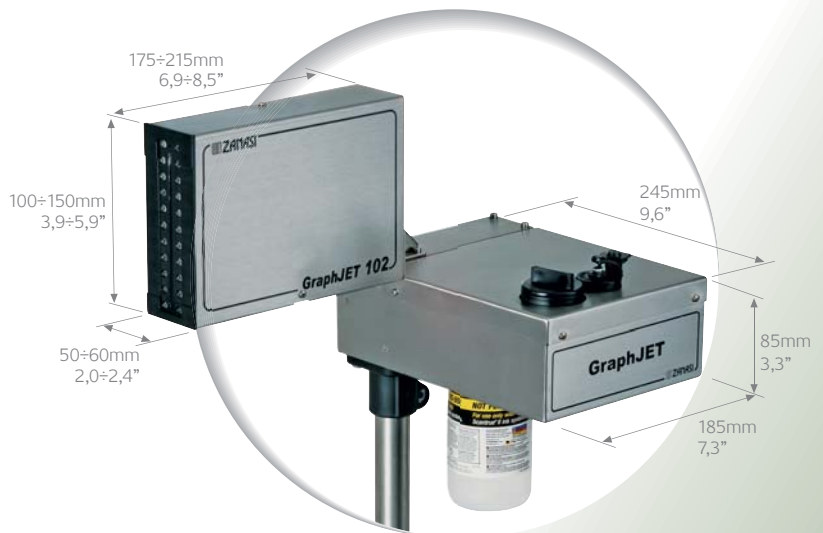
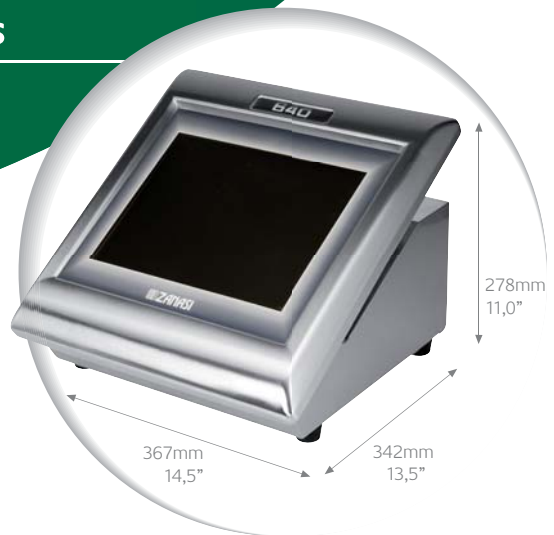
Stainless steel structure AISI 304
 Industrial Piezoelectric technology
 Horizontal resolution up to 300 Dpi
 Vertical resolution up to 192 Dpi
 Stainless steel AISI 316 single orifice plate
 Serviceable and replaceable nozzle group
 Pigmented inks, solvent free
 Innovative robust shock and vibration proof system
 Innovative purge system (Automatic Maintenance Purge Module™)
 Innovative printhead heater system ensures optimum performance in arduous industrial environments
 Dual ink feed improves flow rates for high printing speed and smooth ink delivery
 Dimensions printhead T768: 215 mm x 60 mm x 150 mm (8,5" x 2,4" x 5,9")
 Dimensions printhead T384: 175 mm x 50 mm x 100 mm (6,9" x 2,0" x 3,9")

External Connections

Ethernet interface for LAN connection 10/100 Mbit
 Optical sensor for product detection
 Parallel interface BCD
 System Ready output
 Shaft encoder input for variable speed production lines
 External alarm outputs with traffic light column
 Scanner connection for printed bar code validation
 N°2 USB port version 2.0
 N°2 Serial port RS232

Environment/Electrical requirements

Temperature: from 5° to 45°C (40°-113°F)
 Humidity: 0 - 90% (non-condensing)
 Single Phase, 80-240Vac, 50-60Hz, 100VA



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 INDUSTRIAL INK-JET PRINTING SYSTEMS