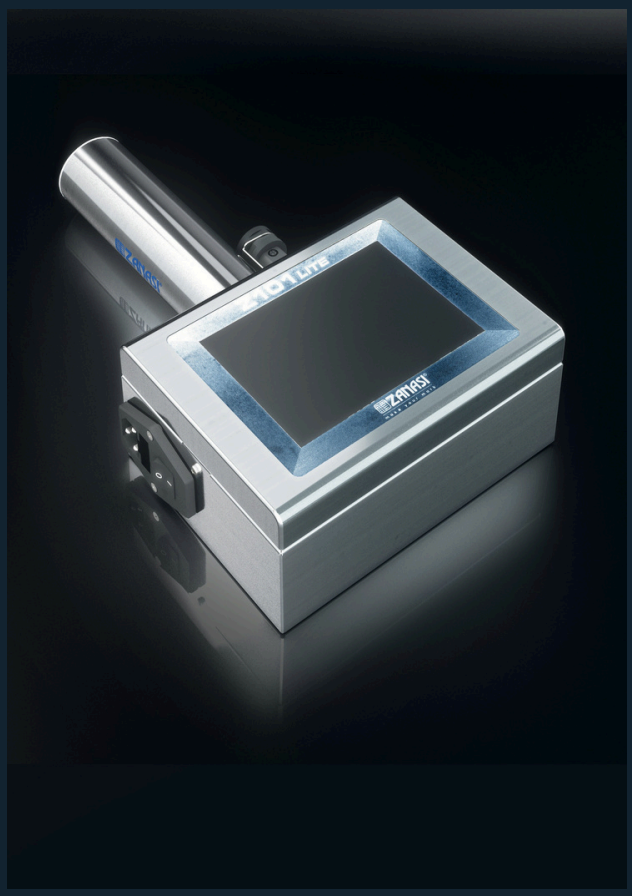
Z101 LITE

Large Character Drop-on-Demand Coder

Part of the Zanasi drop-on-demand range, the Z101 LITE codes secondary packaging on the line from a compact stainless steel console. A rationalised hydraulic system and proven solenoid valve technology deliver a low initial investment and a minimal cost per print.



KEY CAPABILITIES

- Built-in air pump — no compressed air supply
- 5.7-inch colour touch screen, 100 stored messages
- Stainless steel AISI 304 console and printhead
- Water, alcohol and solvent inks — porous and non-porous

WHAT "LITE" STANDS FOR

L

LIGHT

Under 3 kg — mounts easily on almost any line

I

INTELLIGENT

Touch screen, 100 messages, automatic dates and counters

T

TINY

336 x 198 x 87 mm console, 50 mm diameter printhead

E

ECONOMIC

Low initial investment and a minimal cost per print

60 m/min	20 mm	150/sec
MAX LINE SPEED	MAX PRINT HEIGHT	MAX PRINT RATE

TYPICAL APPLICATIONS

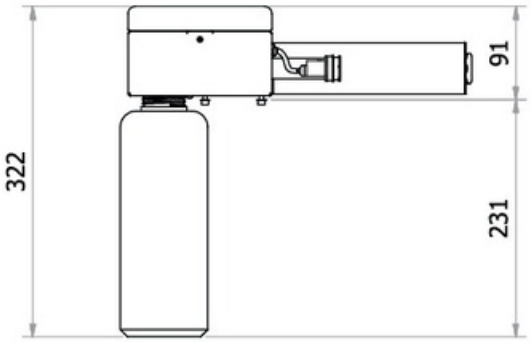
Cartons · Cases · Boxes · Bags · Cans · Plastic buckets

Z101 LITE

Technical Specifications & Print Samples

AT A GLANCE

- Codes secondary packaging on conveyor lines
- Single line, 7-dot solenoid valve printhead
- Character height 7 – 20 mm, set mechanically
- Built-in ink pump — no compressed air needed
- 100 messages of up to 80 characters stored
- 5.7-inch touch screen, multi-language keyboards



TECHNICAL PARAMETERS

PRINTING	
Print Height	**7 – 20 mm (0.28" – 0.79") · five mechanical printhead inclinations**
Throw Distance	Up to 25 mm (0.98")
Line Speed	**Up to 60 m/min (197 ft/min)**
Printing Rate	**Up to 150 columns per second**
Fonts	5 x 5 and 7 x 5 dot matrix · single line
Message Capacity	Up to 80 characters per message · 100 messages stored
Print Features	Automatic calendar and expiry dates · incrementing or decreasing counter up to 9 digits
Orientation	Repeat message function · prints in all moving directions · 180° text rotation
PRINTHEAD	
Configuration	Single line coding with a 7-dot solenoid valve printhead
Dimensions	L 196 mm x Ø 50 mm (L 7.7" x Ø 2")
Print Sizes	Slant function gives five different print sizes
Construction	Stainless steel AISI 304 · high-efficiency solenoids · serviceable and replaceable
Maintenance	Single-nozzle purge and print functions selected from the touch screen
CABINET & POWER	
Control Panel	5.7-inch backlit colour LCD touch screen (640 x 480)
Construction	Stainless steel AISI 304
Ink Pressurisation	Built-in pump · compressed-air version available to order
Dimensions	336 x 198 x 87 mm
Weight	Under 3 kg
Power Supply	Single phase 85 – 240 Vac · 50 – 60 Hz · 100 VA
ENVIRONMENT, INKS & CONNECTIONS	
Operating Environment	5 °C to 45 °C (41 °F to 113 °F) · 0 – 90 % relative humidity, non-condensing · IP44
Inks	Water, alcohol and solvent based · porous and non-porous surfaces
Connections	Integrated optical product sensor · low-ink alarm output · RS232 serial (optional)

PRINT SAMPLES

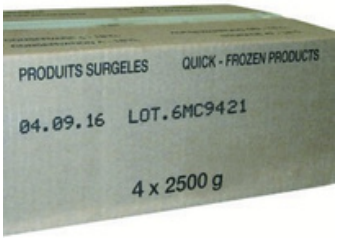
Specifications are indicative and subject to change without notice.



Expiry date and lot on a carton



Batch code on a plastic container



Date and lot on a frozen food case



Coded beverage crate

Console 336 x 198 x 87 mm · Printhead L 196 mm x Ø 50 mm · Weight under 3 kg · IP44