

Performance Piezo Industrial Inkjet Coder



INTEGRA PP108

Features:

The INTEGRA PP108 is a revolutionary, standalone print system intended for large print areas on corrugate and other porous substrates. It leverages the SEIKO print head and a circulating print system. This principle prevents the accumulation of air in the nozzles and ensures a permanent, clean print image without line-outs due to dropping nozzles. Pump control and automatic adjustment of internal circulation pressure allows installation of the ink tank above, below or same level as the print head. The air in the ink supply and print head is automatically removed from the print system.

- Print height 4.25-inches without stitching
- High resolution up to 360 dpi vertical
- Speeds up to 984 feet per min at 180 dpi
- Small fonts from 1mm and larger
- Grayscale printing enabled
- Ink level sensing for proactive swapping

Benefits:

Relative to other piezo printers, INTEGRA PP108 offers a number of benefits that set it apart from the competition.

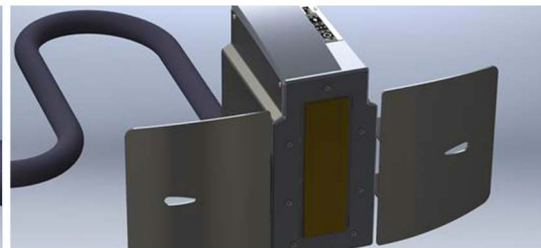
- Ease of start-up & venting of ink system
- Pigmented MOF (Mineral Oil Free) Ink
- Shock and deprime resistant
- Greater flexibility to install ink supply
- High resolution linear & 2D barcodes
- No leaking or external ink bottles during operation
- Meets the demand for high running speeds
- Competitive Total Cost of Ownership (TCO)

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Performance data	Depending on configuration
Maxprint speed at 360dpi	492 f/min
Number of nozzles	1536
Drop size	40pl
Resolution vertical	up to 360 dpi
Resolution horizontal	360 changeable 50 -900dpi
Max. print height	108mm (4.25")
Max. number of print heads	1
Max. number of production lines	1
Text field	Yes
Counter	Yes
Time	Yes
Date field / -Offset	Yes
Logo	Yes
Variables	Yes
Action fields	Yes
1D-/2D-Code	Yes
Data transfer by USB-Stick	Yes
Ethernet	Yes
EIA232	Yes
Password protection	Yes
Configurable in- or outputs	Yes
Technical data	
Voltage connection	90 to 240 V AC
Power input	150 W
Dimension printhead	240 x 195 x 110mm
Dimension ink system	142 x 95 x 185mm
Tube length	1,2m other lengths on request
Protection class	IP 40
Ambient temperature for oil ink	15 to 35°C
Relative humidity (non-condensing)	20 to 85 %



Piezo Print Head - Back



Piezo Print Head - Front



Ink Management System

