



alphaJET C Continuous Inkjet printer

Non-contact coding with colored and pigmented inks

The alphaJET C is a freely programmable inkjet printing system for the industry working on the continuous inkjet principle. The system allows for a wide range of applications. It is not only suitable for accomplishing rather simple tasks, e.g. printing of dates, but also for very complex applications. The alphaJET C can be integrated into a network of PC, barcode reader, image analysis control and xy-axes systems. Depending on the model, the alphaJET C can either be integrated with one single production line, or print completely different data simultaneously at each of two separate production lines. The alphaJET C uses fast drying inks which guarantee optimum adhesion. The recently optimized print head enables integration at any position of the production line. Even on uneven and structured surfaces, the print image of 1 - 6 lines is of consistently high quality.

TECHNICAL DATA

DIMENSIONS:	Control unit: 295 x 320 x 655 mm (incl. terminal), L x W x H
PRINT HEAD:	40 x 40 x 169 mm, L x W x H
HOUSING:	Stainless steel
PRINTING SYSTEM:	Continuous inkjet system consisting of control unit and printing unit
INK SYSTEM:	500 ml storage bottle, easy to refill, no air pressure necessary
INK TYPES:	Wide range of inks available, depending on product material and application
WORKING CONDITIONS:	Temperature: + 10° up to + 35° C, Relative humidity max. 90 %, non-condensing
OPERATION:	Easy operator interface via integrated terminal, Graphic interface (WYSIWYG), Interface for integration into network of several machines.
HARDWARE FEATURES:	Control unit and printing unit are independent of one another. Hence, further printing units can be controlled and synchronised by one single master unit. Peripheral equipment, e. g. xy-axes systems, image analysis control, separating devices or code reader, is controlled and synchronised via a previously defined interface.
TEXTS:	Automatic date, expiry date, Julian date, current numbering, time, shift identification, barcodes, data matrix, logos etc.
ERROR DIAGNOSIS:	Automatic error diagnosis in full text display
PRINT SPEED:	Up to 2500 characters per second
DISTANCE PRINT HEAD-ITEM:	1 - 25 mm
PRINT HEIGHT:	0.032" - 0.59" (0.8 - 15 mm) (up to 6 lines)
PRINT RESOLUTION:	48 dots in vertical direction. Free choice of print matrix. Any matrix combination possible within one text.
INTERFACE:	2 x RS 232
SUPPLY VOLTAGE:	115 / 230 V ± 10%, 50 / 60 Hz, power consumption max 1.0 / 0.5 A
SAFETY STANDARD:	Ink return control, viscosity and ink level control, remote monitoring of printing errors, separate installation of electronics and ink system, almost emission-free, solvent recovery system, protection type (housing): IP 54

Subject to technical modification