

WAXMARK

INKJET

Product Information



Abbildung: WAXMARK

THE LATEST IN JETCODING - "WAX" MARKING TECHNOLOGY

The WAXMARK opens up possibilities in non-contact product marking. The print medium is coloured wax which is melted in a heated container and is applied by a Piezo print head like "liquid ink". The results are impressive: 1 to 4 lines of clear letter quality text, combined with barcodes and graphics, can be produced in font heights from 2 - 10 mm. Since the wax particles cool on contact with the coding surface, the marks adhere rapidly onto virtually all materials.



100 CD-Rewritable
74 min/650 MB Made in Europe
20X20-4322 903 18951 23-01-99-15.30-3 8710101956749



FEATURES OVERVIEW

- Piezo print technology with no moving parts
- Consumable material: environment friendly wax
- Low running costs
- Minimal cost for maintenance
- Chemical and solvent free
- No hazardous vapours

Mark-O-Print GmbH

For Quality Marking And Coding

MACHINE CONSTRUCTION

The system consists of a Piezo print head with 32 ink channels, a heated wax container and a separate control box to enable parameter and data input.



WAX RESERVOIR

The wax melt container has a capacity of approx. 100 ml. The wax block is warmed in the reservoir so that the liquid wax flows through an insulated connection, to the heated print head, where at 115°C it is ready for use. The wax reservoir level is monitored and a low level LED signal is provided.

Wax blocks are available in black (and other optional colours). The material is a combination of wax and resin with colour additives. It's handling is non-hazardous.



DATA ENTRY

Data and text for printing are entered on the integrated membrane keyboard. On the user panel above the keyboard is a graphic LC display. WAXMARK can be linked to your internal data network via its RS-232 or RS-422 interface.



AUTOMATIC FUNCTIONS

Date, time, numbering and further automatic functions can be incorporated into text.

PC PROGRAM

As an option a PC program which runs under Windows® can be delivered. It can be used to import text layouts and graphics.

PRINT SPEED

Up to 100 m/min., dependent upon the distance between the print head and the product, as well as print height and density.

SERVICE SUPPORT

With the machine we can supply mounting brackets and accessories for a professional installation. Appropriate operational training for your production staff is also available.

TECHNICAL DATA

- NUMBER OF PRINT HEADS:
1 print head per control box.
- PRINT DIRECTION:
L/R or R/L, from the side (optionally from above)
- TEXT LENGTH:
Up to 1200mm.
- TEXT MEMORY:
1000 messages.
- GRAPHIC MEMORY:
100 locations
- BAUDRATE:
1.2K - 19.2K
- INTERFACE (OPTIONAL):
1x RS 232 or
1x RS 422
- INPUTS:
Pe sensor, Encoder
- OUTPUTS:
OK, warning, alarm
- LED INDICATORS:
Photo sensor, low ink, encoder, power, ready
- ELECTRICAL SUPPLY:
240 VAC, 1.0 A max. or
115 VAC, 2 A max.
- ENVIRONMENT:
Room temperature
10 - 35°C
Relative humidity 10 - 90%,
non-condensing