kortho

Hot Quickcoder

Choose quality and quantity at the same time

The Kortho Hot Quickcoder is a reliable contact coding system that can be used for printing on many materials and surfaces. From 10.000 up to 100.000 prints per day.

The Kortho Hot Quickcoder codes on basically any material and surface. Both on intermittent as on continuous moving production lines with speeds up to 250 prints per minute. The text and image holder has a maximum dimension of 12 x 24 mm which allows up to three lines of text to be placed on it. Kortho's Hot Quickcoder is used in a wide variety of production environments from automotive parts all the way to the food industry.

Texts can be easily changed

Composing texts is easy. You only need to put the individual rubber characters on a special text holder. These characters are in stock as in different sizes and heights. Kortho's design department can also quickly create a design, image or logo to specific customer need and specification.

Fast exchange of Hot Rolls

The unique Hot Roll will only release its coding wax when the roll is at the required temperature. If the roll is empty you can simply replace it by inserting the spare roll which can be preheated in the extra preheat unit of the printer. This way the production hold is reduced to a minimum.

Printing in other colors

To print in another color, simply insert a different color Hot Roll into the printer. After positioning the roll, the Kortho Quickcoder is ready to print thousands of prints in the new color.

Clean and maintenance-free system

The coding system is clean, maintenance-free when used and easy to operate. Because of the use of corrosion-resistant materials the Kortho Hot Quickcoder meets many industrial requirements.

For advanced packaging environments

The Kortho Hot Quickcoder fits in advanced packaging environments with PLC- and computer driven packaging machines. The microprocessor operated control system constantly checks if the optimal printing parameters like temperature and stability are in effect. Deviations are detected and reported back to the packaging machine. This way print quality will be at its best.

The Kortho Hot Quickcoder set is supplied including bracket and control box. Hot Rolls and the text head are accessories.

The Kortho Hot Quickcoder is very suitable for adding different company and sector logos at high speeds. Packaging logos such as recycle signs and small texts such as batch numbers of shelf life dates can easily be positioned on the 12 x 24 mm text and image holder.

Flexible positioning in the production environment

Positioning the Kortho Hot Quickcoder within a packaging line is very easy to achieve. It can be positioned form the top or the bottom, from the side or obliquely. The Quickcoder can be placed under basically any angle by using the standard included bracket.

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Main dimensions of coding unit (mm)
H 255 x W 163 x D 124

Main dimensions of control box (mm)
H 255 x W 230 x D 85 (including cables and connectors)

Total weight of coding unit / control box (kg)
2 / 2.3

Operating system
Kortho Hot Quickcoder control box

Settings
8 individual parameter sets with the following parameters:
- Print delay
- Print temperature
- Stamp time
- Display contrast
- Temperature bandwidth (+/-5 +/-10 and +/-15 °C alarm output)
- Busy signal prolongation (busy output)
- Start temperature threshold (busy output)
- Power-on mode (Stop or Run)

Input
- Print signal (NPN, PNP, potential free contact, voltage puls 5-30 (VDC/AC)
- Inhibit (stop printing)

Output
Busy, Alarm and Power-on

Kortho hot roll standard
Non-toxic

Available Hot Roll colors
Black, blue, red, green, white, yellow, brown, orange

Industrial norms
CE-Certified

Maximum printing area (mm)
12 x 20 or 12 x 24 depending on model of text and image holder

Maximum printing speed (prints/minute)
250

Maximum production speed (meters/minute)
60

Power supply
115-230VAC ±10% (60/60Hz)

Compressed air supply
5-8 bar (clean, dry, oil free)

Power consumption (Watt)
150 (230v) / 100 (115v)

Operating pressure (bar)
4 (56 PSI)

Air consumption (max liters per print)
0,04 at 4 bar

Sound level (dB)
82

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The mark of preference