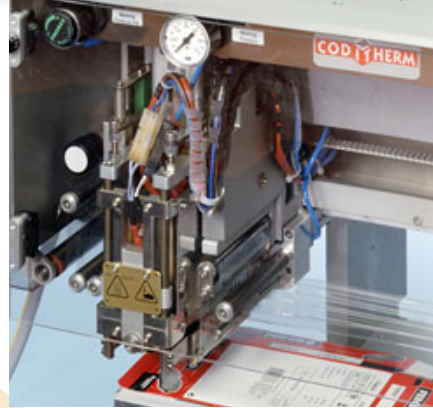




Direct thermal transfer printing



High quality marking, up to 600 dpi

Easy to operate

Flexible and fast message changes

Variable information marking

The Coditherm is a digital printer developed for automatic, direct thermal transfer marking of objects made of rigid or semi-rigid material, or with uneven, porous surfaces. Even marking around the circumference of cylindrical parts is possible. To date, in most applications, it has not been possible to print directly on such products with electronic thermal transfer print heads. This patented Coditherm process works with the use of a double ribbon. A positive image can be created electronically on the inked thermal ribbon in an initial print phase and then transferred "hot" (using pads or heated rollers) to the object being marked. The Coditherm system permits extremely versatile, high resolution (up to 600 dpi) marking of production batches with text, bar codes, serial numbers, time, date, lot number, shift codes and variable logos. Marking directly on the production line, enables product personalization "on-the-fly" while reducing the need for a large stock of preprinted parts.

The Coditherm is perfectly suited for marking and coding on:

- Paper, cardboard and plastic boxes, bags and containers.
- Wood, leather, rubber, fabric and coated metal objects.
- Scratch-proof and solvent-resistant plastic objects.



Matthews

...a tradition of quality since 1850



Coditherm

Easy uploads of graphics and logos, in bitmap format, are simple with the Coditherm's 3.5" floppy drive. Simply insert your disk to load messages then retrieve for future use from the unit's internal memory. For simple text message entry,

use the built-in keyboard. To create complex messages, EasyCode™ software enables the use of an external PC for message creation and editing with communication via floppy disk or a serial link.

SYSTEM COMPONENTS

- Print unit and Electronic unit
- Easy Code software standard – for easy message creation

PRINT FEATURES

Print formats: Alphanumeric text. (Arial standard internal fonts. It is possible to load additional internal fonts through downloading of TTF files.) Bar-codes: EAN-13, EAN-8, EAN-128, UPCA, 2/5 Interleaved, Code 39, Code 128 (A, C), ITF-14, Paraf, HIBC43, Binary. 2D codes: Matrix and PDF417. Import of logos in ".BMP" format black & white. Text orientation: possible in the four quadrants. Automatic time, date, shift, batch, serial number, operator prompt information.

Print Speed: Approximately 1 cycle per second (depending on message size) (Automatic reprocessing of date, hour and minute without reducing marking rate.)

Resolution/Quality: 300 dpi (12 dots/mm) or 600dpi

Serial Interface: RS232

Print Area: Maximum 95mm x 260mm (3.74" x 10.24")
– using Coditherm 100 Roller Extra Long

MESSAGE LENGTH/INTERNAL MEMORY

Limited only by the marking area / Files can be saved in 470Kb non-volatile internal memory of electronic unit. (Or messages can be saved on external computer and uploaded via floppy disk or via RS232 port)

CONSUMABLES

30, 50, 75, and 95 mm width ribbon rolls available in various colors.

UTILITIES

Power: 220/110 Vac, 50/60 Hz

Compressed Air: 6 Atm filtered and non-lubricated.

OPERATING ENVIRONMENT

Ambient Temperature: from 41°–140°F.

Relative Humidity: from 10% to 70% non condensing.

OPTIONS

- RS-232/ RS 422 external adapter/converter.
- Bar code reader (flash-reader type or optical wand) for automatic recall of texts from the memory.
- Table-top stand
- Foot Pedal control

CODITHERM MODELS

- Pod
- Rocker
- Roller
- Still

Matthews International Corporation continually improves products. The right, therefore, is reserved to alter the design and/or specifications without giving prior notice.



Matthews

Matthews International Corporation 6515 Penn Avenue, Pittsburgh, PA 15206 • (412) 665-2500 • Fax: (412) 665-2550
Matthews Canada, Ltd. 550 McGeachie Drive, Milton, Ontario L9T 3Y5 Canada • (905) 878-2358 • Fax: (905) 876-1344.