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SCROLLING HEADER

ON-LINE CONTINUOUS MOTION BATCH CODER - MODEL BCC

AIMS compact, fully automatic PLC based coding system for on-line registered printing of **B.No., Mfg.Dt., Exp.Dt., M.R.P. Rs., Ingredients, Logos, etc.** on continuous & intermittent FFS (Form Fill Seal) machines, pouch packing / flow wrapping / blister pack machines, biscuit / masala / oil / milk / water packing, conveyor systems, winder-rewinder system, etc. **Model BCC-35-O.**



The coder is installed on the FFS machine & the film goes over the roller where it gets coded at the desired location on-line during production.



The coder is installed on the continuous conveyor with encoder & the object to be printed passes below or in front of the print head where it gets coded at the desired location on-line during production.

INTRODUCTION:

These coders are ideal for **Automatic On-Line High Speed Coding** on various packaging machines.

The message to be printed is very easily composed by just assembling the stereotypes (easily changeable) on to the print drum. The Inking system consists of a rechargeable circular cartridge, which is fully enclosed allowing the use of fast-drying & indelible solvent-based inks for porous and non-porous surfaces. The whole assembly is directly mounted on the packaging machine & the film passes over the roller of the bracket.

The PLC or controller takes the signal from the print sensor proximity or eye mark sensor & gives signal to the DC Stepper Motor to turn the print drum automatically at the synchronized speed with the film to do the coding/printing at the exact location. The PLC also displays the no. of prints that have taken place & the linear speed of web in meters/min.

FEATURES:

- **First time in India as direct replacement for Ink Jet Printers** for Online Registered Coding. No need to stop the process for printing as printing is on-line and continuous at very high printing / production speeds up to 350 impressions / minute.
- No need for any operator settings as it automatically tracks the speed of the packaging machine and varies its own speed to match it. Absolute accurate location in printing repeatedly.
- Bright LED display for 6 digit production counter as well as for display of speed of film in meters / minute and pouches / minute.
- Can be quickly installed on existing biscuit / spice / milk / oil / coffee / detergent pouch filling machines & other packaging machines within 15 minutes with the specially designed bracket.

SPECIFICATIONS:

Coder Model	BCC - 35 - □□	BCC - 70 - □□
Supply Voltage	230 Vac ± 10%, 15 VA	230 Vac ± 10%, 15 VA
Printing Area	4 lines (35 X 200 mm)	8 Lines (70 X 200 mm.)
Printing Speed	Max. 30 Meters / min.	Max. 25 Meters / min.
Prints using	Easily Changeable grooved/flat, rubber / nylon stereotypes	
Inking Medium	Special rechargeable ink cartridge / ink paste.	
Printing Medium	Quick drying liquid ink (Black, Red, White*, Golden*, etc.)	
Impressions	15,000 per 20 ml. charge	10,000 per 40 ml. Charge
Weight	7 Kgs, 5 Kgs (Only head)	11 Kgs, 9 Kgs (Only head)

VARIATIONS / DIFFERENT MODELS:

- Model BCC - 35 - □□ with printing area of 35 mm. X 200 mm.
- Model BCC - 70 - □□ with printing area of 70 mm. X 200 mm.
- Model BCC - □□ - **Q** Fully Auto-speed tracking on FFS machines.
- Model BCC - □□ - **C** for Automatic speed tracking on Conveyors.
- Model BCC - □□ - **M** for standard model with manual speed control.
- Model BCC - □□ - **E** with Encoder for instantaneous speed tracking.
- Model BCC - □□ - **P** with fast drying ink paste & transfer roller.

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