

Wireless Loom Data Monitor Access Data Anywhere





Application Server





Internet

ERP

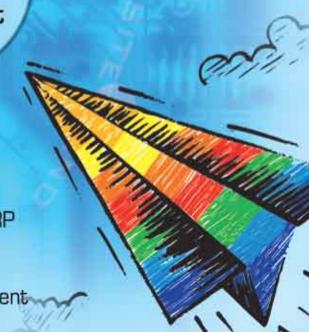
SAP, Oracle, People Soft



SMS Alerts

FEATURES

- Captures production, stoppages and efficiency data in real time using wireless communication
- Sends alerts to upper management using SMS on mobile
- ◆Transparent data migration to and fro to any ERP
- Monitor your plant from anywhere in the world using internet
- ◆Integrated inventory control & payroll management



WIRELESS LOOM DATA MONITOR

The LOOM DATA MONITOR (LDM) is a production data collector for any type of weaving machine. It memorises output, stoppages, various times and any other information dispensable for optimising the output of a weaving shed.

LDM sends data to an application server using radio frequency based wireless communication system.

Production data stored on the computer includes:

- Actual / expected picks
- Loom efficiency
- Length of fabric produced
- Length remaining to reach preset
- O Operator efficiency
- o Beam-fall alerts
- Shiftwise, daily, monthly & yearly

Data for maintenance includes:

- Number of breakages
- Classification of breakages
- Down-time due to each breakage

Wireless data transmission system eliminates problem of cable layout and is much easier to maintain.

DATA DISPLAYED ON **EACH LOOM**

Microprocessor system displays and prints the following data through to computer:

- O Number of stops, sub-divided into weft, warp or other causes.
- Running and down times, sub-divided into their causes.
- Number of picks per shift.
- O Speed (picks per minute)
- O Stoppages per shift.
- O Length in metres of the programmed piece and how much is needed to complete the piece.
- The LOOM DATA MONITOR supplies a percentile efficiency rate for loom and shift.

FEATURES

- Security key lock for presetting and resetting.
- o Partial data resetting (e.g. just one shift, just certain data) entirely at the operator's discretion.
- Automatic display of a programmable data sequence for easy reading.
- Dust and oil-proof keyboard.
- o Function of each key clearly described on front panel.
- o Permanent storage chip to store data in case of power failure.
- o Radio frequency output for data transmission to host computer.
- The range of data transmission is upto 1 mile.

MODELS AVAILABLE MODEL LDM-1001

- o LCD display
- Feather touch keyboard
- Power-down data saving facility
- Serial interface for data logging
- O Detects warp & weft breakage
- Stops machine when preset length is reached

Dimensions: 135 x 92 x 50 mm

MODEL LDM-1002

- Blind unit for measuring production
- Serial interface for data logging
- Detects warp & weft breakages
- o Ideal for low-cost volume installations

Dimensions: 115 x 95 x 45 mm

MODEL LDM-1003

- Scanning type loom efficiency monitor for single or group of any make & loom type
- o Ideal for low-cost volume installations Dimensions: 45 x 300 x 120 mm



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