



Wireless Loom Data Monitor

Access Data Anywhere




**Radio
Frequency**

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
- Operator efficiency
- Beam-fall alerts
- Shiftwise, daily, monthly & yearly reports

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 :

- 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.
- Speed (picks per minute)
- Stoppages per shift.
- 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.
- 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.
- Function of each key clearly described on front panel.
- Permanent storage chip to store data in case of power failure.
- Radio frequency output for data transmission to host computer.
- The range of data transmission is upto 1 mile.

MODELS AVAILABLE

MODEL LDM-1001

- LCD display
- Feather touch keyboard
- Power-down data saving facility
- Serial interface for data logging
- 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
- 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
- Ideal for low-cost volume installations

Dimensions : 45 x 300 x 120 mm



For further details, contact