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- C** Display Systems
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- Power Supplies
- Miscellaneous
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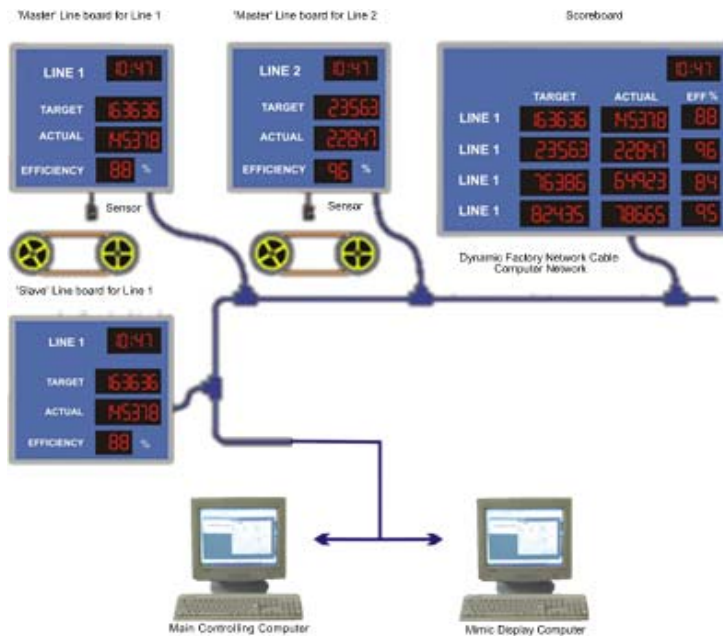
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PRODUCTION MONITORING SYSTEMS MODELS

It is a complete system linked to optical sensors on your production line which allows monitoring of production performance both on and off the shopfloor. The system is very flexible and comes in many guises but essentially it works as follows:

- For each production line the number of units which should have been made is calculated on an on going basis (The TARGET).
- Each time a unit is produced by your production line it is registered by the system (The ACTUAL).
- From the target and actual production figures the efficiency of the production line is calculated (The EFFICIENCY).
- All the figures are displayed on either (or both) individual line display(s) or a scoreboard showing all the lines on a single display.
- The whole system is controlled by either a central PC or local controller and allows complete preprogramming of shift patterns and production rates.

The diagram below gives the structure of a complete system, however it is possible to start off with just individual line boards or a single scoreboard and add further components at a later date.



SINGLE SIDE SCOREBOARD/7 LINES/120 MM



Dynamic Factory is a complete system linked to optical sensors on your production line which allows monitoring of production performance both on and off the shop floor. The system is very flexible and comes in many guises but essentially it works as follows: For each production line the number of units is calculated on an on going basis (The TARGET).Each time a unit is produced by your production line it is registered by the system (The ACTUAL). From the target and actual production figures the efficiency of the production line is calculated (The EFFICIENCY). All the figures are displayed on either (or both)individual Line display (s) on a Scoreboard showing all the lines on a single display.The whole system is controlled by either a central PC or local controller and allows complete pre-programming of shift patterns and production rates.

Individual Line Displays



In most cases a 'master' line display is positioned on each production line, this takes an input from an appropriate sensor and also looks after commands from either the computer or local control unit. Further 'slave' line displays can be added on any line to replicate the information from the 'master' display. Line displays are built to suit your exact requirements in terms of layout, colour coding, character size (depends on viewing distance), single/double sided, number of digits (depends on how many units you anticipate making), with or without clock, your company logo and any other printing etc.



Single sided line board with 120mm high characters and 5 digit target/actual.



Single sided scoreboard for 7 lines with 120mm high characters, 5 digit target/actual and a clock.

Fault Reporting

Any standard display can be interfaced via opto isolated inputs to any PLC. Commonly an 8 bit

binary input will trigger one of 256 messages, other operating schemes can be concocted to suit individual requirements. A unique feature to Dynamic is the ability to display the time at which the page was triggered hence showing the workforce the time at which the fault condition occurred



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NUTRONICS INDIA

Address: A-72, Mangolpuri Industrial Area, Phase-II, New Delhi-110034. INDIA

Telephone: + 91 11 27020826, + 91 11 27023999, + 91 11 27011222

Fax: + 91 11 27021079

Email: info@nutronicsindia.com

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» BOD Controller			» Watt Meter

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			» IR Sensors

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