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**OUR PRODUCT RANGE**

- N** Temperature Instruments
- C** Counters
- T** Timers
- M** DPMs
- R** Load Instruments
- O** Humidity Instruments
- N** pH Instruments
- I** Sensors
- C** Display Systems
- Transmitters
- Power Supplies
- Miscellaneous
- Digital Conductivity Meters
- Digital RPM Indicators
- Thermocouples
- Customized Controllers
- Testing Instruments
- Variable Transformers
- Software Solutions
- Customized Solutions

**News Letter**

Name

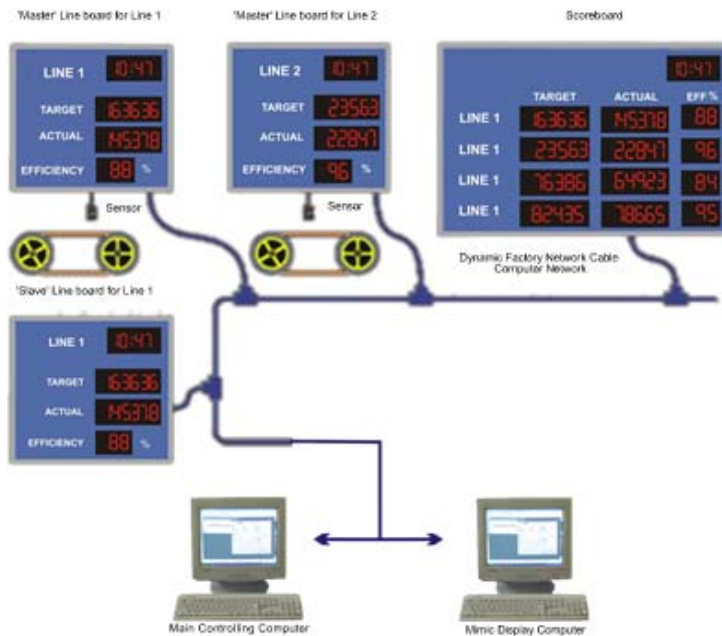
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**PRODUCTION MONITORING SYSTEMS MODELS**

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



[Request a Quote](#)



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» Digital Temperature Indicator	» Andon Display	» Time Measuring	» Frequency Meter
» PID Controller	» Moving Display	» Sequential Timer	» Hour Meter
» Profile Controller	» LED Display Boards	» Cyclic Timer	» Current Transformers
» Auto Scanner	» Multiline Display Boards		» Shunts
» Data Recorder	» Scrolling Message Boards		» Analog Meter
» Blood Bank Controller	» Token Display Boards		» Calibrators
» BOD Controller			» Watt Meter

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» Load Controller	» Humidity Controller	» pH Controller	» Magnetic Switches
» Load Cell	» Humidity Sensors	» pH Sensors	» Float Switches
			» IR Sensors

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» Event Counter	» 0-10 volt	» DC Power Supply	
» Rate Indicator			

**Other Product**

» Digital Conductivity Meter » Digital RPM Indicator » Thermocouples » Customized Controllers » Testing Instruments » Software Solutions » Customized Solutions

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