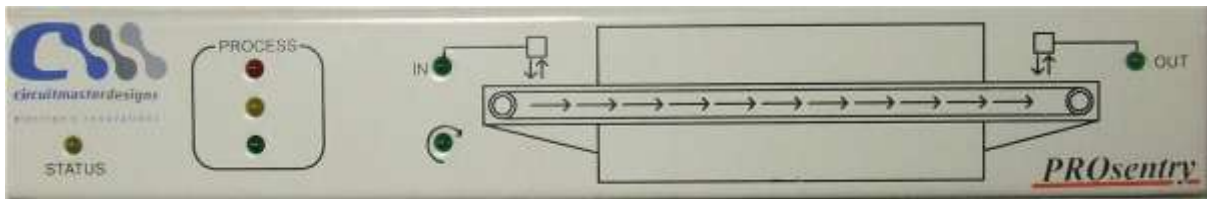


## **Continuous Process Profiling System – "PROsentry"**



### **Continuous Process Profiling System**

*PROsentry* monitors and reports all the critical parameters of your soldering process, enabling total quality monitoring and analysing of every product produced. Time stamped data is generated and stored to allow any parameter, on any product, at any time to be recalled. Oven temperatures 'snap shots' are continually recorded to enable parameters, conveyor speed, and SPC data to automatically be calculated. Process Rule Checks (PRC) is then performed, alarms can be raised and people notified of any problems as soon as they happen.

### **System Features and Highlights**

- Accurate ( $\pm 1C/1.8F$ ) temperature measurement at 40 points within the oven
- Communication port allows interfacing to the *PROfiler* – Thermal Profiling System
- Configurable alarms can be programmed to activate relay outputs for machine shutdown or operator annunciation.
- Central Processing Unit has large internal Non Volatile memory for buffering of data in the event of network failure.
- Programmable 24v inputs allow additional system expansion.
- Powered from machine 24VDC supply or from external universal mains supply adapter
- Optional 10BaseT Ethernet interface allows machines on a site to be networked for centralised data collation/control.
- Windows 95/98/NT/2000/ME/XP PC software for easy collation of data from machines and output to customer SPC systems
- RS485/RS232 interface allows easy interfacing to a PC or third party site management schemes
- Board In/Out sensors with lost board detection allow statistics to be gathered on machine throughput.

For more information please contact our sales department.  
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