

Tooling Sentry System

Improved Control and Traceability

- Tooling Sentry monitors Applicators 100% of the time whilst they are installed on a crimping station.
- Stroke counts are tested against individual limits for every perishable part for which a limit has been user-defined.
- Elapsed time since previous general inspection and service is tested against a user-defined limit.
- Production can only commence with an applicator which passes all tests and limits.
- Maintain a PC based database of all activities.
- Service documents are easy to find and access.

Bringing the following key benefits

- Schedule and record the replacement of perishable parts based on individual parts stroke count and expected lifetime.
- Schedule and record the general inspection and service of the applicator based on the stroke count to help satisfy the requirements of many quality conscious customers.
- Schedule and record the general inspection and service of the applicator based on elapsed time since the previous service to help satisfy the requirements of many quality conscious customers.
- Provides complete traceability, demonstrating to a quality auditor that applicator servicing is under complete control.
- Enforced scheduling regime.
- Improved quality as overworked tools are rejected at the point of use.
- Reduces tooling failures as unserviced applicators cannot be used thus saving time and cost.
- Captures heavily used applicators which are rarely taken off production line.

In an industry that places ever increasing demands on process quality and traceability, preventative maintenance of applicator tooling has never been so critical. To meet these ever increasing demands, Circuitmaster Designs has developed the Tooling Sentry to assist organisations with the enforcement of applicator maintenance under ISO/TS 16949 requirements.

The Tooling Sentry is designed to provide a simple, reliable and optimised PC to applicator connection as well as process monitoring, fast warning indication and machine operator access level control, The network communications allows more powerful functions in one compact and convenient package and uses standard Ethernet cabling over an Ethernet LAN network.

The advanced security enhancements, such as emergency machine blocking and overforce indication can help protect your production equipment, improve process efficiency, and significantly reduce expensive repair costs from potentially disastrous out-of-control tool maintenance.

Cost saving features of the Tooling Sentry includes advance warning indication and real time status display at the press itself. With the networking capabilities of the Tooling Sentry, you can improve security for the production processes as well as administrative efficiency.

For more information please contact our sales department.

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