

Offset Master **AUTO OFFSET CONTROLLER**

Micro-controller Based Automatic wear-offset corrections for CNC machines using Industry 4.0



For automated wear offset controlling for CNC machines

Feature	Benefits
Acquire real-time measurements from digital gauges to facilitate automated wear-offset corrections.	Real-time Automated Corrections: Streamline operations by capturing real-time measurements from digital gauges and automatically implementing wear-offset corrections. This ensures precise and continuous manufacturing without interruption, maintaining high-quality standards, removing manual wear offset corrections
Detect components exceeding acceptable limits to ensure adherence to quality standards.	Precision Defect Detection: Identify components falling out of acceptable limits swiftly and accurately. This proactive approach guarantees the delivery of flawless products, enhancing customer satisfaction and reducing the likelihood of recalls, and reducing the scrap and improved CpK values
Instantly identify issues and provide real-time estimations of rejection root causes, leading to enhanced quality, time and cost savings	Efficiency and Cost Savings: Rapidly identify issues in real-time and determine root causes, leading to improved overall product quality. This not only saves time and effort but also reduces production costs associated with rejections and rework
Measurement data is available on need basis which is shareable for the purpose of audit traceability	Enhanced Audit Trail: Enable thorough audit traceability by sharing detailed measurement data. This not only assures compliance but also fosters transparency, reinforcing trust with stakeholders and regulatory bodies.
Provides compatibility with major CNC controllers	Universal Compatibility: This compatibility ensures a versatile solution that can be adopted across various manufacturing setups, enhancing operational flexibility and ease of implementation.

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