

SM&T Steady Measurement & Technologies Inc.
Ultrahigh Precision Auto-checker for Heading Machine

Product Features:

- Innovative Embedded In-Process Penetration Gaging Technology
- Dynamic Linear Sensitivity up to $1.5 \mu\text{m}/100\text{KHz}$
- Excellent Long Term Detection Stability
 1. High Immunity to the Power Transient
 2. Absolute Free to the Mechanical Resonance/Acceleration
 3. Auto-Tracking and Compensated to the Initial Running Thermal Effect
 4. Adaptive Measurement Technology to the Machine Aging Problem
- Perfect Detection Ability
 1. Can Detect Independently max/min Punch Blind Spot
 2. Detects immediately when punch, pins brake
 3. Detects burrs and irregularity
 4. detects cracks on tools
 5. End Feed Detection
 6. Short Feed Detection
 7. Double Punch, Short Pitting and Pin Broken Detection
- All In One, Central Controlled
 1. Digital Production Meter, shows Production pcs/min in Real Time
 2. Quality Control Signal (80mm green light). It sets product check range from 0~255mins (Optional)
 3. Error Warning Light (80mm Red Light)
 4. 3 Independent 7 Digits Counter, Can count Total Production, Daily Production, Punch Tool Life, etc..
 5. Configures Punch Force Independently. Minimum configuring unit 0.001mm
 6. Dual Short Feed Detection, 1st stage uses Contact Detection, 2nd stage uses pressure detection
 7. Motor Braking Control (Optional)
 8. Speed Adjusting Control (Optional)
 9. Electronic Eye End Feed Detection
- RS485 Interface (Optional)
- Oil-Proof Tart Switch Keypads Sealed by Silicon Rubber
- System Diagnostic
 1. 1st Punch Error

2. 2nd Punch Error
 3. Electronic Error
 4. Hydraulic Empty
 5. Inverter Error
 6. Pin Error
 7. Motherboard Error
- Outstanding Anodized Extruded Aluminum Case
 - Modular Boards/Plug-In Terminals/Removable Front Panel, Results in High Maintainability.
 - Input Voltage: 90 260VAC, UL CSA CE Certification