Database System

Upgraded touch panel and integrated database computer for MPI Benches

The database system is a 12” touchscreen operator interface with custom software to help improve inspection quality and productivity. This is available as an upgrade on D-Series and MD-series magnetic particle benches. The database system is designed explicitly for NDT teams focused on operational excellence looking for a solution to maximize time and increase throughput.

Minimize part processing time and increase facility throughput

- Save approximately 10 minutes per job by automating record keeping, locating the technique sheet for the part, and entering all the inspection parameters
- Spend less time on paperwork or reporting and more time inspecting parts

Improve quality control and traceability

- Enhance quality control capabilities with prompted checks and standard reports for proactive error management
- Reduce manual record-keeping and human error to drive increased reliability

Automate Record Keeping & Report Generation

- A built-in database automatically records critical inspection data points, including test parameters, operator ID and comments, pass/ fail status, and more
- Machine software-generated lot reports are stored on a hard drive with export capability through external media or network connections
- Ability to store and view up to 30 days of trend data for daily UV light and bath concentration checks

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MAGNAFLUX®

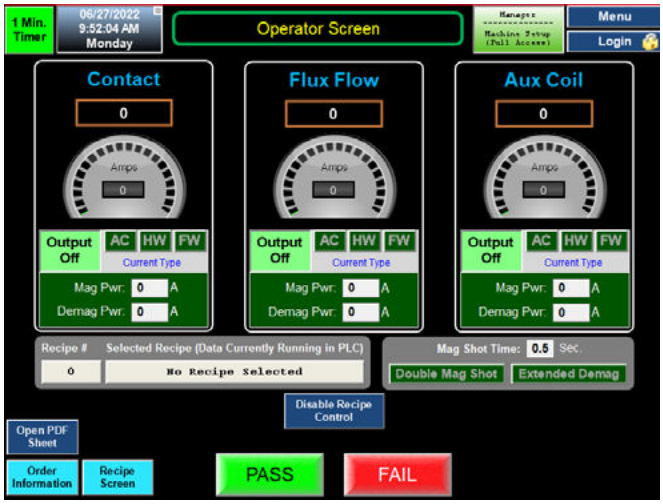
Features

12” Touchscreen operator interface

Scanner capable of reading barcodes and QR codes

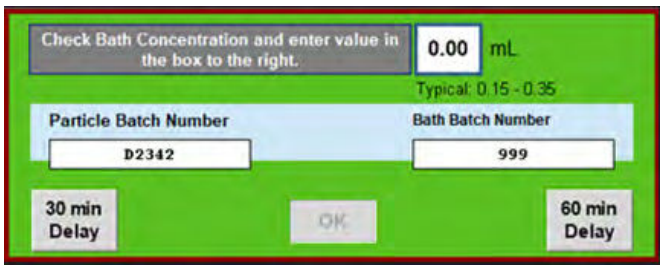
Expanded library of customer-programmable testing techniques

- D-series: 3,000 techniques
- MD-series: 1,000 techniques



Ability to run in recipe mode (automatically loads correct test parameters) or manual mode (allows user the ability to control outputs, waveforms, and current settings)
MD3-2060 pictured above

Password-protected logins and up to 100 programmable custom user profiles to control access



Automated process control prompts to record daily UV light and bath concentration checks. The user interface provides real-time feedback to alert if values are outside ASTM ranges.

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