

UniWest®

Techspecs

ON THE LEADING EDGE OF EDDY CURRENT TECHNOLOGY

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US-500 Eddy Current Instrument



The US-500 is a computer based eddy current system for high-speed inspection of critical components containing small discontinuities such as cracks in jet engine parts. It is adaptable to fully automated inspection systems as well as semi-automated devices that require high levels of sensitivity as well as system integration for turnkey operations. Features of the US-500 include:

- Can be used for most eddy current applications on metals including crack detection, materials sorting and hardness, coating measurement, plating thickness, and conductivity measurement.
- System is rack mounted and can be installed into the users system or purchased turn-key with cabinet included.
- Fully compatible with other systems components for turn-key operations such as printers, controllers and data acquisition devices.
- Works best with custom designed probes selected for compatibility to receive the best sensitivity and signal to noise ratio for the application.
- Operating software is Windows based and easy to use.
- Works with many of UniWest custom designed systems for automated eddy current inspection.

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