

IntraSpect Imaging System



AMDATA IntraSpect Series Features/Benefits

All AMDATA IntraSpect imaging systems consist of four major subsystems: Data Acquisition/Analysis Workstation, Data Acquisition Subsystem (DAS), Motion Control System (MCS), and a Scanner. These advanced subsystems are fully integrated to provide reduced inspection time, greater accuracy, and ease of operation, along with other important benefits.

- **True Multitasking Operation:** AMDATA IntraSpect systems provide the ability to analyze data as it is being acquired. Ancillary functions such as printing and data archiving are handled as background tasks.
- **Advanced Software Operation:** Microsoft Windows provides the ability to transfer data between data acquired with the IntraSpect software and other applications for report generation, data storage, and third party applications.

The IntraSpect software has been designed to be very user friendly. The IntraSpect user interface remains constant through all NDE applications.

- **Flexible Hardware Configuration:** Systems can be configured to use contain any NDE hardware necessary for your application. Standard hardware include Ultrasound and Eddy Current. The IntraSpect system has the added benefit of accepting output of other Non-Destructing Testing equipment. Therefore, using the IntraSpect system allows one to add imaging capability to older or unsupported NDE equipment.

The IntraSpect system also offers interfacing to the many manual scanners, servo motor, or stepper motor scanners. The IntraSpect system contains hardware to interface to third-party custom scanners.

AMDATA IntraSpect™ NDE Imaging Technology

The IntraSpect™ Series of AMDATA imaging systems by WesDyne AMDATA, brings advanced technology and convenience to flaw detection in a wide range of components and materials. The AMDATA IntraSpect Imaging system offers advanced technology in a user-friendly environment perfectly suited for portable, laboratory, or production based NDE imaging applications.

All AMDATA IntraSpect systems offer high speed scanning and data throughput, repeatability, permanent storage of RF data and test parameters, future data recall and analysis, data manipulation without rescanning, hard copies of scan results, and reduced inspection and reporting time.

Experienced WesDyne NDE Products personnel are available to assist in system selection or to answer any particular technical questions regarding UT or ET imaging or NDE applications. Wesdyne NDE Products can be reached by phone, fax, via E-mail or the Internet. Please do not hesitate to contact us with any questions.



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