INNOVATIVE TECHNOLOGIES IN X-RAY NON-DESTRUCTIVE TESTING

DR

SOFTWARE FOR INDUSTRIAL RADIOGRAPHY

DISOFT

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DiSoft software is based on many years of experience of software development for industrial radiography

MAIN FEATURES:

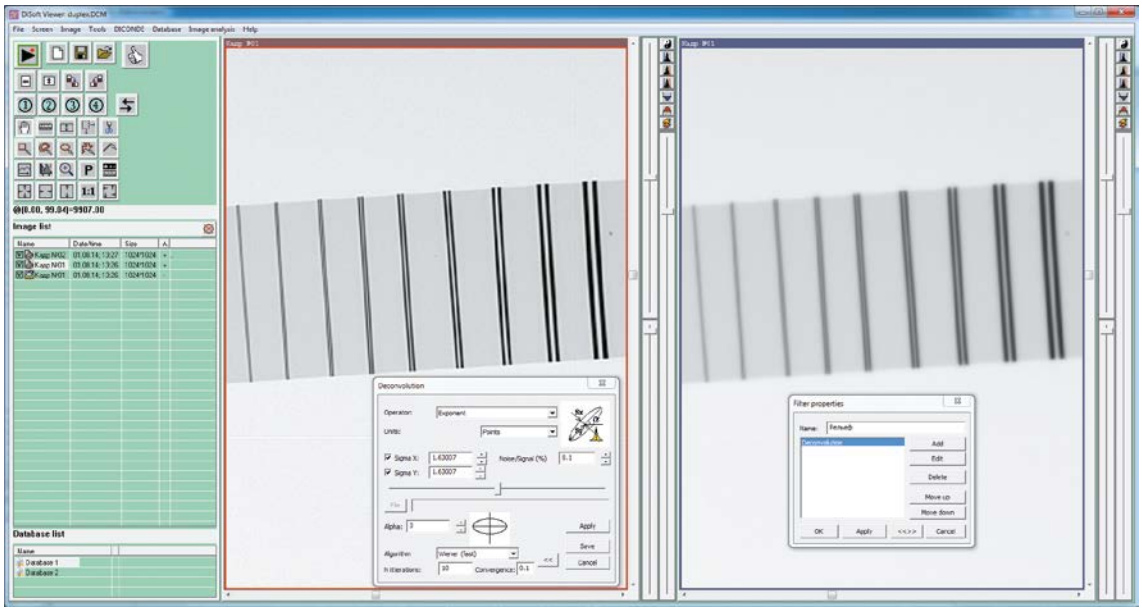
1 Ease of use with simple and intuitive user interface

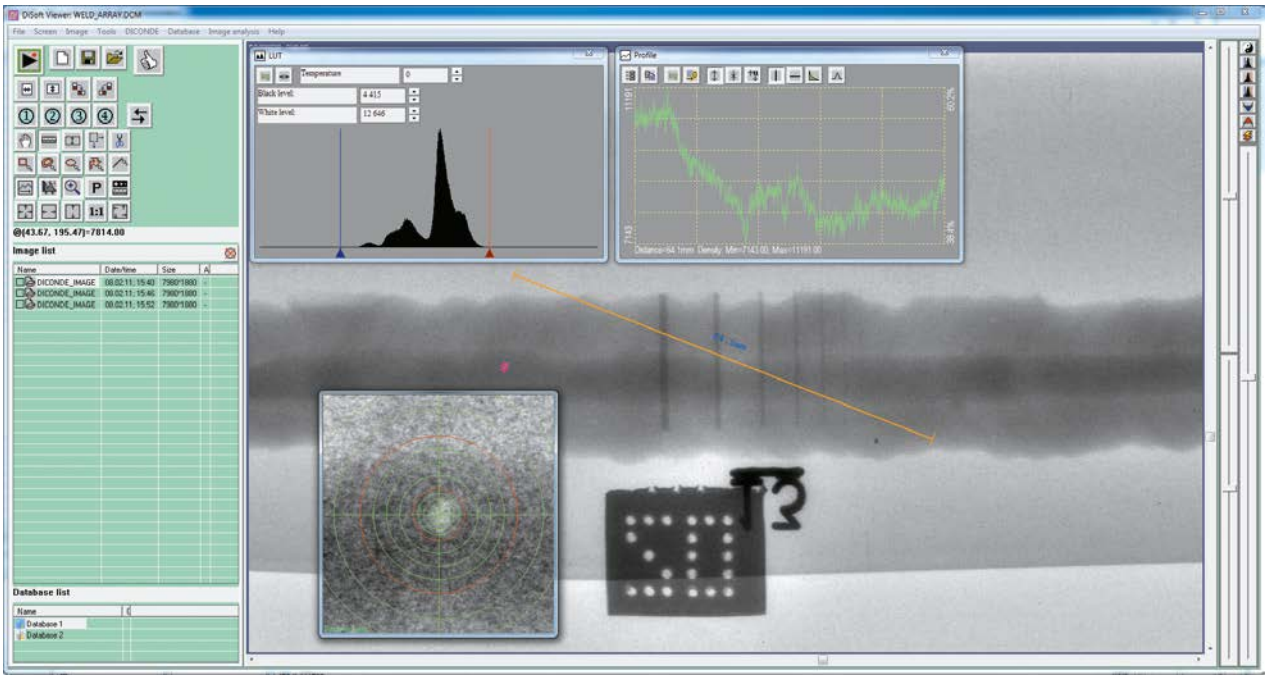
2 Most efficient filters that can run in real time thanks to an image processor performing all mathematical operations

3 Customizable databases that allow you to connect to the plant's information systems via ODBC as well as create dialog windows and report forms from the user interface. The database system includes tools for backup, full or partial migration, single file export, and cross-database file transfer

4 DICONDE format adopted in Europe and the USA as the standard NDT data format. This makes it possible to include all necessary additional information when saving to the database and generate ID tags automatically to prevent all kinds of tampering

5 Highly efficient compression algorithms included in DICONDE that provide up to 10x compression ratio with quality loss on a natural noise level





6 Various formats for image storage, such as BMP, JPEG (8 bit), TIFF (8 or 16 bit), and PNG. Data recording on any removable media like DVD-R, Flash drives etc. Image printout at 1:1 scale for marking the areas intended for repair

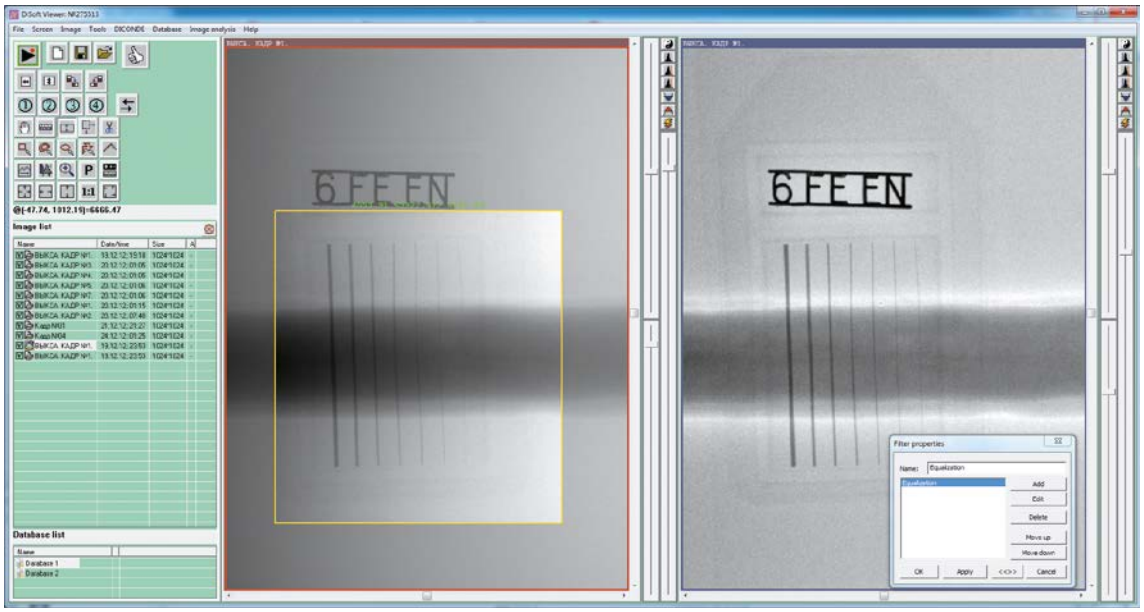
7 Ability to store an image of the whole 12m long weld as a single file for archival purposes

8 Connectivity to different X-Ray image acquisition systems, such as X-ray image intensifier, phosphor plate scanner, X-ray film digitizer etc.

9 Technical support from the manufacturer

The built-in filter system allows you to tune the active filters for best results with a specific kind of detector/sample pair. The filters can be applied both to a static image and to a live video.

The software can generate images based on X-ray tube, sample, and detector parameters.

SYSTEM REQUIREMENTS:

Processor 1 GHz or faster; RAM 2 GB; Hard disk space 32 GB; Windows XP/Vista/7/8; nVidia Graphic Card; 2GB video memory; CUDA support.