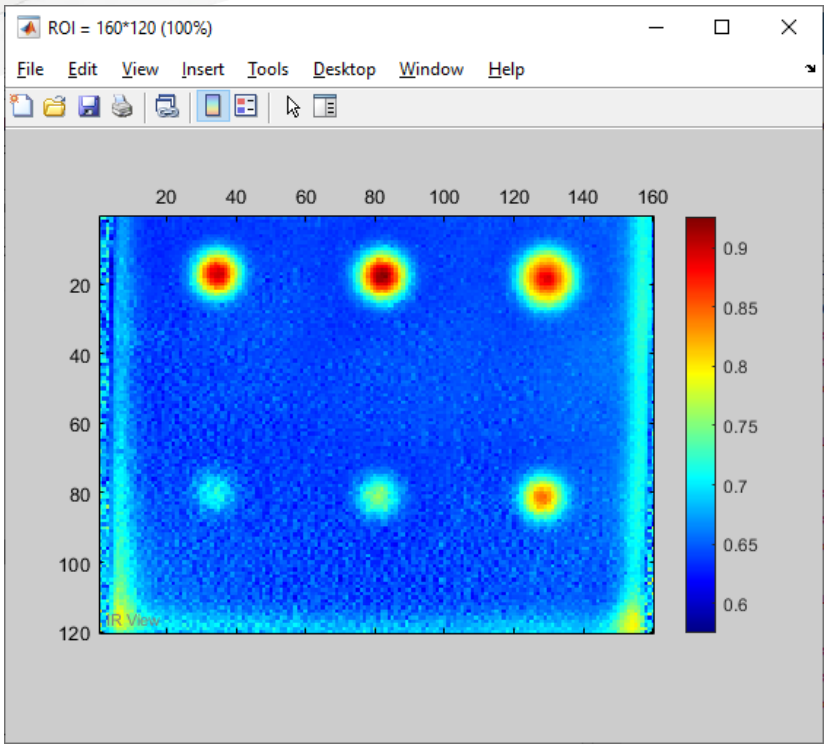
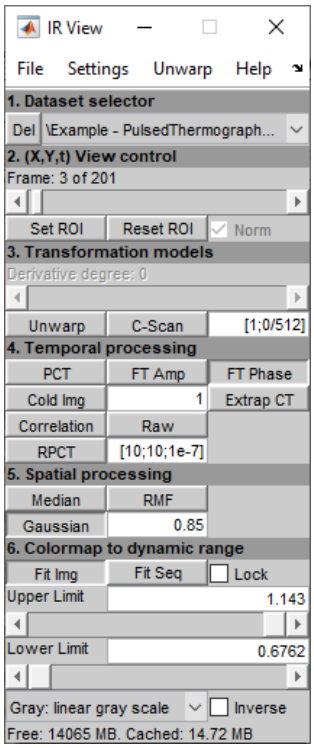
IR VIEW

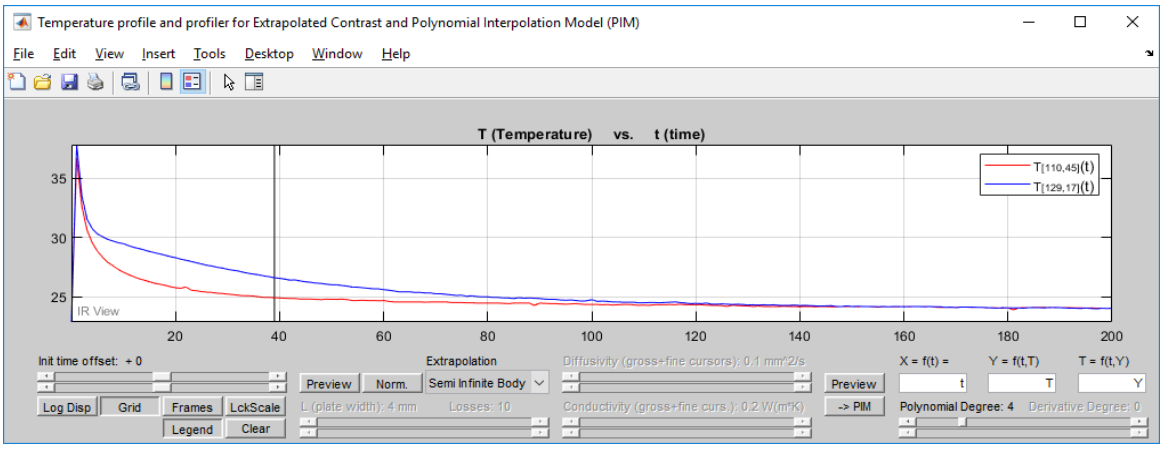
A straightforward IRT Thermography software

Made In (QC)
Canada

Infrared Thermography for Non Destructive Testing and Quality Control. To detect sub-surface delaminations, porosity, damages, cracks etc. in composites, plastics, metals, etc.







Matlab-integrated OR standalone

Advanced infrared image processing

Import native formats of infrared sequences

Proven and relied upon by users for + 20 years

Designed to be as user-friendly as possible

Enhancement of defects CNR

VISIOOIMAGE
INFRARED THERMOGRAPHY SYSTEMS FOR NDT

Features

A comprehensive software tool that elevates your NDT/infrared thermography testing (IRT) images and data to new heights. IR View unleashes the full potential of your IRT images with a wide array of powerful image processing and defect enhancement features.

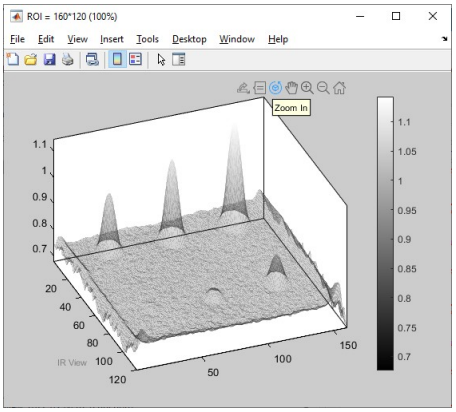
- Comprehensive IRT image processing and defect enhancement

- Process recording of temporal sequences of images

- Support for multiple native infrared camera formats

- Standalone application or integration with Matlab environment

- Multi-core CPU support for faster parallel computing



Some functions

Principal Component Thermography (PCT);
Robust Principal Component Thermography (RPCT);
Fast Fourier Transform Phase and Amplitude analysis;
Differential Absolute Contrast (DAC);
Correlation Contrast;
Cold Image subtraction;
Spatial filters: Gaussian, median, restricted median filter;
Manipulation of image sequences: trimming in time and space;
Interpolation models for mathematical transformations;
Linescan / C-Scan support;
Perspective correction;
Plot of temperature evolution in time;
Manual or automatic colormaps, zoom in/out in the colorspace;
3D visualization;
Colorscale and calculation restricted to a Region Of Interest;
Chained processing, e.g, ROI → Median Filter → Cold image subtraction → DAC …;
Command line processing for automation;

Contact

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